



To:

Cook County, Purchasing

118 N. Clark Rm. 1018 Chicago, Illinois 60602 From: Cook County Department of Capital Planning & Policy

69 W Washington, Floor 30

Chicago, IL 60602

Work Order Number:

045249.02

Location:

1330 S. 54th Avenue

Cicero, IL 60804

Contract #:

1555-14475-EC8

Contractor:

Sharlen Electric Company

Work Order Title:	Cicero Records	- Build Out For Elections St	upplemental 2
	Noti	ce of Proposal Accepta	ingB (NOPA)
	If Revised:	Date:	
Your Work Order Propos	al has been acce	pted for the above Work as	follows:
Work Order Amount:		\$496,651.40	
Licensing Fee for The Go (5.00% of Construction)	ordian Group	\$24,832.57	
Total Amount:		\$521,483.97	
MWBE Participation:		\$263,585.00	
Funding Source(s)			
Liquidated Damages:		Liquidated Damages will	not apply
A notice to proceed will b	e issued which w	ill establish the Work Order	Start date and the completion date.
The CCOCPP JOC Coord	dinator		
Requested By:			
Gulake	1	9/14/19	Made 1/14/4
Eric Davis, County F Cook County Depart Capital Planning and	ment of	Date	Eric Davis, Deputy Director Date Cook County Department of Capital Planning and Policy
Alamal Financial Analyst	M Pay	9/21/11 Date	Ann Kalayii, Bureau Chief Date (Signature required for Projects Over \$1 million)
Earl Manning, Direct Cook County Depart Capital Planning and	ment of	Date	Approved By: Shannon E. Andrews, CPO Office of Chief Procurement Officer C



Cook County
Department of Planning & Policy
69 W Washington
Chicago, IL 60602

22373

Job Order Contract (JOC) Purchase Order Package Checklist

Job Order Number:	045249.02
Job Order Name:	Cicero Records - Build Out For Elections Supplemental 2
Job Order Location:	1330 S. 54th Avenue, Cicero , IL 60804
Approved Proposal:	\$496,651.40
Contractor:	Sharlen Electric Company
Construction Duration:	6 Weeks
	Notice of Proposal Acceptance (NOPA)
	Cook County Board Approve Documentation If Applicable
	County Justification/Estimate (Provided by PM)
	Contractor Evaluation - Project Development
	Contractor's Job Order Proposal Package (See Below)
	Detailed Scope of Work with Project Duration (Signed by Contractor)
	Drawings (If applicable)
	Project Picture(s) Documenting Existing Conditions
	Detailed Construction Schedule (If Applicable)
	Approved Price Proposal Summary & Detail (Signed by Contractor)
	M/WBE Subcontractor Estimate, Disclosure of Retained Parties (Signed by Contractor)
	Utilization Plan (Signed by Contractor)
	For Each M/W/D/SBE Subcontractor:Letter of Intent (Signed by Subcontractor)/Current Certification Letter
	Identification of Sub-contractor/Sub-Consultant Form(ISF Form)
	COUPE Signatory Form & Backup
	Non Pre-Priced/Reimbursable Back Up (If Applicable)
	Special Insurance (If Applicable) $\mathcal{W}/\mathcal{V}_{\mathcal{F}}$
	Is Project Within Bond Capacity - Y/N
Reviewed by Gordian AM	USAM: Solvia Warana WB 9/14/17



TONI PRECKWINKLE

PRESIDENT

Cook County Board of Commissioners

RICHARD R. BOYKIN 1st District

> DENNIS DEER 2nd District

JERRY BUTLER 3rd District

STANLEY MOORE 4th District

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DEPARTMENT OF CAPITAL PLANNING & POLICY

EARL MANNING

DIRECTOR

69 W. WASHINGTON, SUITE 3000 ● CHICAGO, ILLINOIS 60602 ● (312) 603-0312

October 6, 2017

TO:

Shannon E. Andrews

Chief Procurement Officer

FROM:

Eric Davis, Deputy Director

Department of Capital Planning & Policy

RE:

Cicero Records - Build Out For Elections Supplemental #2

Budget Justification - Work Order No. 045249.02

This memorandum serves as justification for procurement of construction services for the above project in the amount of \$496,651.40. We find the pricing to be fair and reasonable. The price proposal has been compiled and reviewed by The Gordian Group and the Department of Capital Planning & Policy.

Should you have additional questions please contact Eric Davis the Deputy Director, Department of Capital Planning & Policy (312) 603-0355

			Annual	Annual	Annual	Astoual	Annual -	Annual Cagital
	Facility/Project Name Primitized S 2017-20		Capital Investment	Capital Investment		Capital Investment		Investment 2022 - 2026
	CIP Fotal Spending \$1,345,05	D.163 S	2017 291,551,563 \$	2018 206,594,700	2019 164,795,000	2020 \$139,933,650	2021 \$152,530,000	\$394,645,250
	Core Center - Envisors - modernity Core Center - Ethant fins - teplace	\$525,000 \$15,000	\$G \$0	\$175,000 \$0	\$175,000 \$0	\$175,000 \$0	\$15,000 \$15,000	\$0 7 \$0
	Core Center - Extension metal efercents - scrape and paint coof uses, alself Enter, entry new carrolly Core Center - HYAC central unit motor - copiere	\$34,000 \$20,000	\$14,000 \$0	\$0 \$0	\$0 \$0	\$0 \$0 \$0	¥ \$. \$.	\$20,000
	Care Center - HVAE spit system (IS room)-repisee Care Center - HVAE spit system (IS room)-repisee	\$4,000 \$30,000 \$900,000	\$1 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$900,000	50 50 50		\$80,000
	Core Center - Messamy pediating/sushing Loca Center - Polymbrig-metal-sign, Conce Core Center - Polymbrig-metal-sign, Conce Core Center - Polymbrig con and driveryopy: apphult out facer - brokent, constitute	\$5,000 \$16,250	\$5(030) O2	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	50 \$16,250
	Core Centre - Parking lot and drivewarpt apphalificent else parsonaint regulars Core Center - Parking hat ridewalts/wheel stugs	\$9,750 \$4,000	\$9,750 \$4,000	\$0 \$0	\$0 \$0	\$41 \$40	\$0 \$0	\$0
	Core Center - Roof perimeter sezion replacement/epoxy (cut at ITVAC sir Intoke rooms Core Center - Roof replacement	\$18,913 \$342,950	\$13,313 \$0 \$9,200,000	\$0 \$6 \$4,800,000	\$0 \$0 \$0	\$0 \$342,950 \$0	\$0 \$0 \$0	\$0
60 MA	Corn Walth Corder Corn Health Corter W. Marty Parties	\$8,000,000 \$8,000,000 \$644,685,800	\$3,800,000 \$3,800,000 \$41,311,800	\$4.800,000 \$4.800,000	50 5105 116 000	504.710.000		\$0
*33.90	County-wide Public Safety County-wide Courth-ouse Security Enhancements	\$176,083,000 \$16,610,000	\$23,675,000 \$700,000	\$26,700,000 \$1,200,000	\$35,410,000 \$5,410,000	\$38,800,000 \$8,200,000	\$41,500,000 \$0	\$12,000,000 \$0
	Countystee DOC Corners Project Phase () Countystee PS ADA Improvements (HOC)	\$10,608,000 \$8,000,000	\$500,000 \$0	\$5,000,000 \$1,000,000 \$500,000	\$5,000,000 000,000,000 \$0	\$0 \$1,000,000 \$0	\$0,000,000 \$1,000,000 \$0	
	Courtywide PS Bailding Envelope (BC/DFM) Countywide PS intergency Power and 1995 System Upyzydes Countywide PS intergency Power and 1995 System Upyzydes Countywide PS intercuried Energy Performance Control (ISCO) - Countbourses	\$500,000 \$1,500,000 \$3,100,000	50 \$1,500,000 \$1,300,000	\$0 \$0	\$0 \$0	80	\$0 \$0	50 50
	Countywide PS leb Drider Contracting Projects Countywide PS Replacement of Ecil Doors, Locks, Frances and Retary Switches	\$15,500,000 \$8,000,000	\$\$00,000 \$5,000,000	\$2,000,000 \$3,000,000	\$2,000,000 \$0	\$7,000,000 \$0	\$2,600\000 \$0	
	Opentywide PS Roof Replacements DOC - (Design Intercements	\$12,000,000) \$180,000	SEJOOULOGO SO	\$6,000,000 \$100,000	\$0 \$0	\$0 \$0	\$0 \$0	
	OCC - Replacement Administration/Fricining Building OCC Mechanical Systems Cepital Renewal / Replacements (FOC)	\$61,500,000 \$1,825,000 \$750,000	\$4,000,000 \$1,835,000 \$750,000	\$5,000,000 \$0. \$6	\$5,000,000 \$0 \$8	060,000,e\$ 02 02	\$34,500,000 \$0 \$0	\$0
	OOC Restroom Etherst Ean Replacements (ACC) Energy Efficiency Up-greater for Water Concervation South Carnotos Domodičion - Adj Bail-May	\$10,000,000 \$10,000,000 \$14,000,000	\$0 \$0	\$300,000	\$10,000,000	\$4,000,000 000,000,000	şo şo	\$0
	DOC Appliet parties to a science (OC) Boot Camp Redding 10	\$6.0371,000 \$2,303,000	\$0 \$0	\$1,000,000 \$300,000	\$5,000,000 \$1,000,000	50 \$1,000,000	\$10 \$2	\$0 \$0
	DOC - Parking Garyge - Caphal Penewah DOC - Yurareh - Chilled Water Bridges (IOC)	\$1,000,000	so so	\$0 \$300,000	\$0 \$9	\$1,000,000 \$0	\$0 \$0	\$0 \$0
	OOC-Turnels Capital Records Bridgeriew Courthouse	\$1,000,000 \$31,600,000	\$0 \$660,000 \$0	\$0 \$5 \$0	\$1,000,000 \$30,000,000 \$30,000,000	\$0 \$1,000,000 \$7	\$0 \$0 \$0	\$0
	Briggeriep Courbouse - Capital Romanish Briggeriem Caurbouse - Caparl Replacement (DYM) Briggeriem Reconfiguration, new capat and workström	\$30,000,007 \$690,000 \$000,000,18	\$600,030 \$6	50 So	\$11 \$0	\$0 \$1,000,000	∫0 \$0	\$0 \$0
	Cermink Hospital Cermink Hospital Cermink Mospital - Capital Renewals	\$10,000,000 \$30,000,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	şo Şo	\$30,000,000 \$30,000,000
	Carmak Nospital Holding cells f separation (IOC/UNA) CNSer Plant	\$0 \$1,000,000	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$1,690,000	50 \$0	\$0 \$0 \$0
Ezza.	OOC-Central Order Mars-Capital Renewali Clear Warnhouse Assembled to the Assembly Commission of the Co	\$1,000,000 \$14,500,000 \$15,500,000	\$0 \$6,500,000 \$6,500,000	\$4 \$2,030,000 \$7,000,000	\$0 \$0 \$0	\$1,000,030 \$8,000,030 \$0	\$0 \$125,000 \$0	
1	Grow Flower dr - Capital Forewale Grow Flower dr - Capital Forewale Grow Board dr - Searthy Flowerments (IOC)	\$3,000,000 \$3	50 50	\$0 50	\$0 \$0	\$5,000,000 \$0	\$125,000 \$0	\$2,875,000 \$0
	Gene Records - Warehouse Improvements (ICC) Gradi Court Branch 23/90	50 \$2,175,000	\$0 \$2,175,000	\$0 \$0	şo şo	\$0 \$0	50 \$0	¢3
	Current Court Branch 23/SO- Capital Renewsh (ICC/DHAI) Cliebit Court Branch 25/42	\$7,175,000 \$1,975,000	\$7,175,000 \$1,375,000	50 50	\$0 \$0	\$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0 \$0
	Caract Court Branch 29/48 - Capital Renewals (IOC/DFM) Cleak Court Branch 34/48	\$1,375,000 \$1,100,000 \$1,100,000	\$3,375,039 \$1,100,030 \$3,180,030	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	50 50	\$0 \$0
	Orasi Coos Breich 34/40 - Capital Recensis (IOC/DFM) Official Coost-Aufrish Brising COAD-Coost-Aufrish Brising	\$22,190,000 \$15,000,000	\$8,575,000	\$15.000 \$1	\$503,000 \$0	\$0 \$0	\$15,000,600 \$15,000,000	\$0
	CCAR carp at population Renoration - Phine II (IOC) CCAR carp at population and an incident and	\$450,000 \$650,000	\$3,000,000 \$75,000	\$0 \$75,000	\$5 \$500,000	\$6 \$6	\$0 \$0	\$0 \$0 \$0
	CCAB Resouration Floors 7.8, & 9 Criedral Courte (18th/Criffornis)	\$37,600,000	\$3,500,000 \$3,525,000 \$0	\$0 \$8_675_000 \$0	\$670 <u>1</u> 000 \$670 <u>1</u> 000 \$0	\$0 \$0	\$0 \$4 \$0	\$15,000,000 \$15,000,000
	CCB - Copinal Respension CCB scape in replacements CCB stays in Rodon of a real AUM singurement on the Land-Usp Resourcement	\$15,000,000 \$750,000 \$5,500,000	\$75,000 \$2,000,000	\$75,000 \$4,500,000	\$600,000 \$0	\$0 \$0 \$0	\$0 91	\$0 \$0
	CLB Reduction (Indicated by the Action of the Control of the Contr	\$3,900,000 \$400,000	\$0 \$400,000	020,000,62 02	\$0 \$0	\$9 \$0	\$0 \$0	\$0 \$0
	Reconstition of Bond Court Reposition of the Criminal CRC Bend Control Room (ICC)	\$500,000 \$200,000	\$500,000 \$200,000	so so	\$0 \$0	\$0 \$0	\$0 \$0 \$0	\$0 \$0
	Security enhancements at GCB saffy portitionally Security Colley Center	\$350,000 \$4,023,800 \$0	\$350,000 \$2,605,500 \$0	\$1,476,000 \$1,476,000 \$0	\$0 \$50,000 \$0	\$8 \$0 \$0	\$0 \$9	\$ \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$
	Using - Boffer Upgradus Dally - CC and LL episons door AEA modifications Dally - CE and LL episons door AEA modifications Dally - EEAs quest entries training	\$95,000 \$697,000	\$35,000 \$697,000	\$0 \$0	\$0 \$0	\$0 \$0	50 50	\$9 \$0
	Coley - Cost is these service board leakage Coley - Costing towers re-firing	\$180,000 \$180,000	\$160,000 \$180,000	50 50	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
	Dahey - Devistor Moderntration Unitry - BM Resiluter & Loud Bank Replacement	\$250,000 \$0	\$250,030 \$0	\$0 50	\$0 \$0 \$0	50 \$0 \$0	\$0 \$0	\$0 \$0
	Balay - Luit samp bur let system uppredes Balay - Eu or long sell a pader (ephanoments	\$500,000 \$61,800 \$1,300,000	\$500,060 \$61,800 \$0	\$0 \$0 \$1,300,000	بر دو دو	\$0 \$0	ກ ສາ ຄວ	\$0 So
	Daley - Enferior Wisdow Seein A Reimond & Registerment Langer - Lastin 15 new kury sud (cades (Str. 100s, 25th 100s, 25th 25th 25th 25th 25th 25th Daley - Lastin Drug Bornh Dates Pen Device	\$0 \$0	\$0 \$0	\$0 \$0	50 50	\$0 \$0	\$0 \$0	50 \$0 \$0
	Outry - Uto safety system upgrades Distry - Roof Occur Intrusion Alarm & Frons	\$100,600 \$0	\$100,000 50	50 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0 \$0
	Datey - Security Schargements Delay - Security your ades	\$720'000 \$120'000	\$250,000 \$350,000	\$0 \$0	50 50 550,000	\$0 \$0 \$0	\$0 \$0	\$0 \$0 40
	Outey- Upgrade 2039 exitationard, service and feeder cabins on Alax Roor Outey- Upgrade 2039 exitationard; service and feeder tables on 9th Roor	\$50,000 \$50,000 \$0	\$0 \$50,000 \$0	şa şa su	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0
	Datey - Upga ade 2007 natheboard; pervice and leeder obles on Concurse Level Datey - Upgardo 2007 ontwithood is sender and feeder under northin Boor Datey - Upgardo 2007 ontwithood is sender and feeder under northin Boor Datey - Upgardo 2007 ontwithood is sender and before to 2005 on Confrontes Level	\$50,000 S7	\$0 \$0	\$\$0,000 \$0	\$0 \$0	\$4 \$0	\$0 \$0	50 \$0
	Duley - Washington street kunsel leakage Duley - Washington Stoff For Yolen Snterpreters	\$91,000 \$0	\$92,000 \$0	\$0 \$0	so so	\$0 \$0	\$0 \$0	\$0 \$0
	Shikken E Dhikken Et IA Demoktion	\$10,000,000 \$10,000,000	\$15,000,000 \$15,050,000 \$0	\$4,000,009 \$4,000,009 \$0	50 50 \$150,000	\$4 \$0 \$8	\$0 \$0 \$0	\$0 \$0
	Chini (en II.) Donn III Remove und enground storage lank Division II. Donn IV	\$250,000 \$250,000 \$500,000	50 50 5500,000	\$0 \$0	\$250,000 \$0	\$0 \$9	50 \$0	\$0 \$0
	Division II. Persystions of shower and direct supposts on stations Division III. Persystions of shower and direct supposts on stations Division III	\$500,000 \$2,000,000	\$2,030,000	\$0 .\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$4 \$4
	Division (if & XVI) (Old Carmsh Hospital) Demoition (rOC) Division (V	\$2,000,000 \$4,665,000	\$1,000,000 \$1,725,000	\$0 \$595,000	\$1,600,000 \$1,600,000	\$2,000,000 \$1,000,000 \$1	\$0 \$0 \$0	55 99 99 99 99 99 99 99 99 99 99 99 99 9
	Division IV Building entrance eventuring (IOC) Division IV Capital Renewati	\$100,000 \$800,000 \$150,000	\$100,000 \$2 \$150,000	\$0 \$800,000 \$0	50 \$0 50	50 50	\$0 \$0	\$0 \$0
	Division IV Dack Concrete replacement (40C) Division IV Elevator moderitation (10C) Division IV Elevator moderitation (10C) Division IV Elevator moderitation (10C)	\$2,150,000 \$2,150,000	\$150,000 \$0 \$815,000	\$150,060 \$0	\$1,000,000 \$0	000,000,12 02	şe şo	\$0 \$0
	Division IV Exterior wells (July In the (DC/DVIA)) Division IV, V, V, Structural frondation upgrades. Division IV.	\$650,000 \$42,050,000	\$650,000 \$600,000	\$0 \$250,000	\$1,000,000 \$0	\$n \$o	50 (000,000,000	\$0 \$0 \$0
	Oryblen IX - Harden ad glass in qui decen (IOC) Division IX Copital Renewo I	\$507,000 \$40,000,000	\$800,000 \$0	\$0 \$0	\$0 \$0	\$0 \$0	Sequencion	\$0 \$9 \$0
	Division IX Elevator modernization (IOC) Division V	\$1,750,000 \$12,750,000	\$0 \$0 \$8	\$250,000 \$0 \$0	\$1,000,000 \$750,000 \$0	\$3 \$0	şo şo	\$12,000,000 \$12,000,000
	Dyblion V - Capital Panewash Division V Jobby Renovations	\$18,003,000 \$750,000 \$9,000,000	50 \$5 \$1,000,000	114 60 000,000,1\$	\$750,000 \$0	\$0 \$0	\$0 \$0	\$0 \$7,000,000
	Payts Ion VI Division 11 - Capital Menewalt	\$7,000,000	\$0	\$0	\$0	\$0	\$0	\$7,000,000





Job Order Number: Job Order Name: 045249.02

Cicero Records - Build Out For Elections

Supplemental 2

Construction Amount:

\$496,651.40

Contractor: Sharlen Electric Company

Construction Start Date:

10/10/2017

Construction Completion Date:

11/22/2017

Contr	actor Evaluation - Project Development
S.No.	Description 2 Excellent N/A
ì	Rate the Contractor's availability to visit the Project Site with the Owner 1 2 3
2	Yes or No, did the Contractor submit the first Price Proposal on time?
3 .	Rate the quality of the first Price Proposal 1 2 5 4 5
4	Rate the quality timeliness of subsequent Price Proposals 1 2 4 5
5	Enter the number of Price Proposals submitted for this Project 1 2 5 4 5
6	Rate the quality/timeliness of the Contractors Final Package 1 2 3
7	Rate the Contractor's overall performance during the Project 1 2 3 4 5 Development phase
Poor≖1,	Average=2 to 4 , 5 = Excellent.
Comme	ents:

Project Director:

Elle Ule



Cook County Department of Planning & Policy 69 W Washington Chicago, IL 60602

Job Order Contract

Cook County Department of Capital Planning & Policy

Contractor:

Sharlen Electric Company

Work Order Number:

045249.02

Date: 12 September 2017

Work Order Title:

Cicero Records - Build Out For Elections Supplemental 2

	Detailed Scope	of-Work	
Project Scope Status:	☐ Preliminary	Revised	X Final
			06/19/2017

Please provide a proposal for the work shown in attached set of drawings (Issued for Bid 6/16/17), revised Electrical drawings (Delta 1 - E001, E002, E101, E102, E103, E104 and E104 - 20170713) and scope of work shown in attached Advent quote but not limited to:

- 1) All low voltage and security scope per the attached drawings (for Elections)
- 2) All security scope to match the attach quotation for Advent (for Clerk of the Circuit Court). We recommend Advent is considered as they provided the existing installation on that side of the Warehouse.
- 3) Additional Design Service Fees from RADA Architects (to follow at a later date)
- 4) Additional scope/clarification to Electrical drawings per Bureau of Technology:
 - E001: Responsible Matrix
 - "Install Servers Data Network switches by Contractor" County Telecom will install any County Servers & switches
 - E001: Scope of Work Summary
 - Add: Per County Wiring specification
 - E002: Note E6:"rack mounted Tele/Data equipment provided by BOT and installed by (T/D)
 - BOT will install County/BOT Tele/Data equipment
 - (T/D) furnish & install any voice copper cable on 110 type termination hardware per County Specification
 - (T/D) furnish & install any Data copper cable on Patch panels per County Specification
 - (T/D) furnish & install any Fiber Optic Cable in Fiber Optic patch panels per County Specification

Brief Scope of Work:

Specific Submittals Required:

Sketches and Drawings:

Material Submittals:

Scheduling Requirements:

Price Proposal Due Date:

07/05/2017

Estimated Construction Start:

10/10/17

Estimated Construction Completion:

11/22/17

Detailed Scope of work Report Continues

Work Order Number: Work Order Title:	045249.02 Cicero Records - Build Out For Elections Supp	lemental 2
Special Conditions:	Liquidated Damages will not apply	
Special instructions:		
Comments:		
Estimated Project Duration	on: 6 Weeks	WOULDL
Eric Davis,	Date:	Sharlen Electric Company

^{*}To be signed by Contractor if Final Scope of Work

. Video Surveillance Additions-Evidence Area

Qty Description

- 8 Genetec camera licenses w/ one year SMA
- 8 Axis P3364-V fixed dome cameras (3MP)
- 8 Axis 5502-011 pendant kits
- 8 Axis T91A61 Wall brackets
- 1 Nitek EE328 Ethernet extenders
- 1 Lot of Wire
- 1 Lot of Condult

Total Investment

Door modifications/South Perimeter door

Qty Description

- 1 HID Vertx 200 input board
- 1 12x12 Enclosure
- 1 Door contacts
- 1 Misc wire
- Lot of Wire
- 1 Lot of Conduit

Section Total

Door modifications/Interior Overhead Door to Evidence Area

Qty Description

- 1 Genetec Synergis GSC-SY-S-1R Reader license connection, and one year support
- 1 HID Vertx 100 reader boards
- 1 HID RP40SE/RP15SE card access readers w/Genetec reader license
- Overhead Door contact
- Connections to Electric door operator
- 1 Lot of Wire
- 1 Lot of Condult

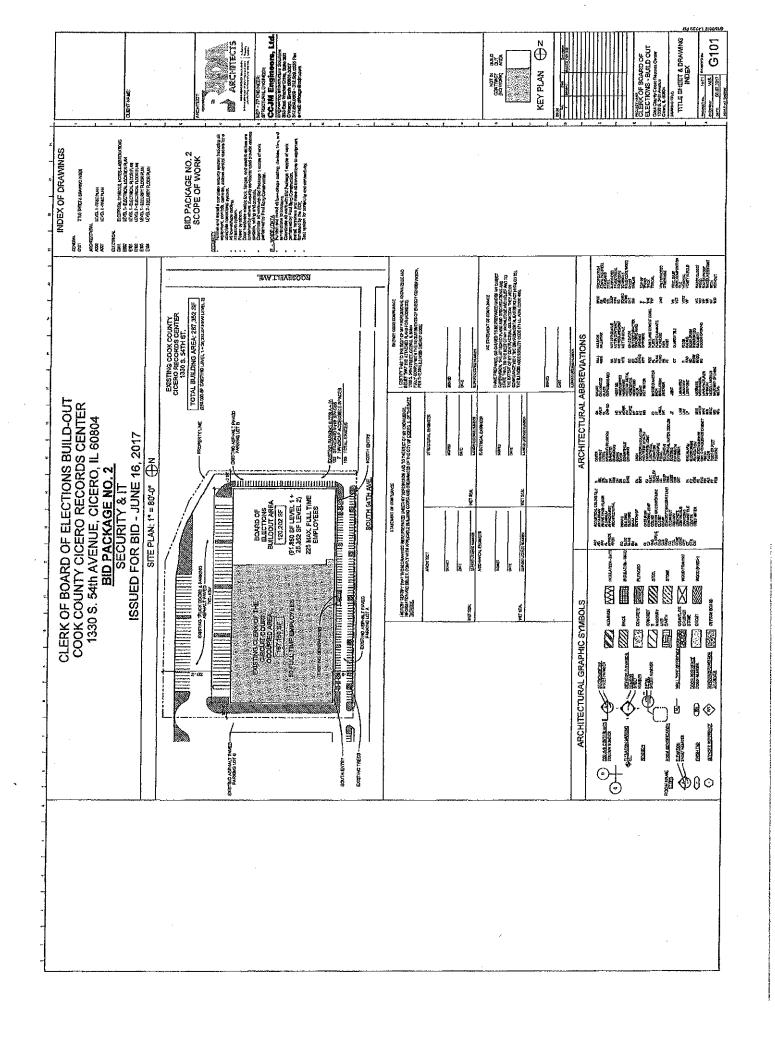
Section Total

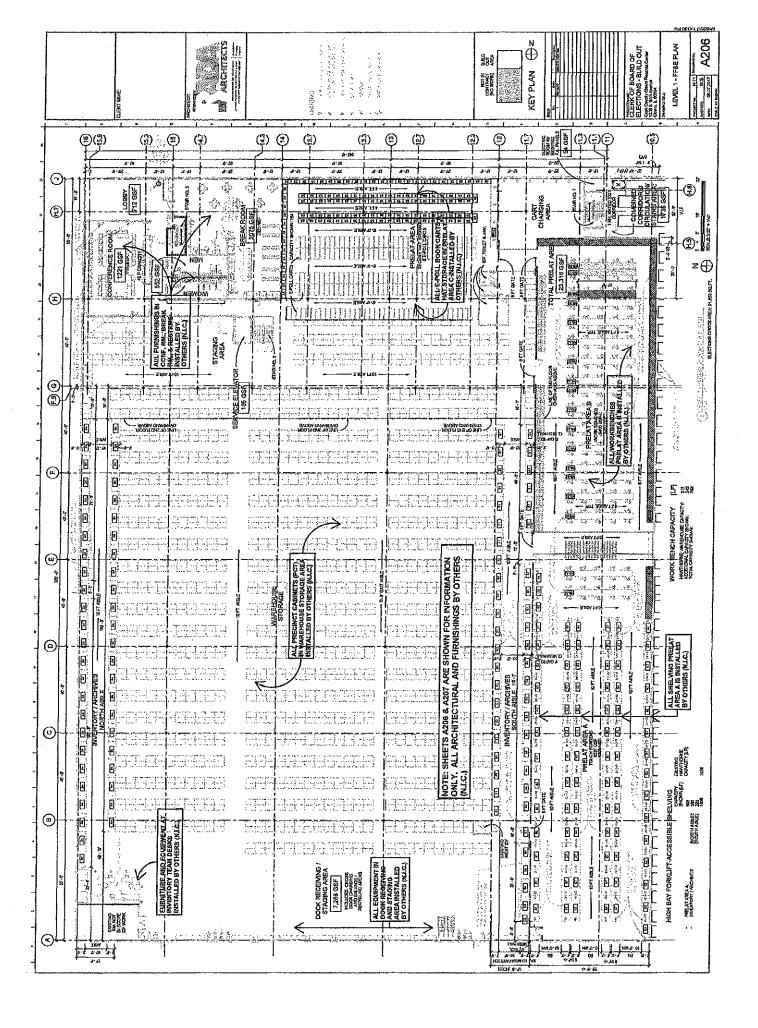
Duress button and Monitoring

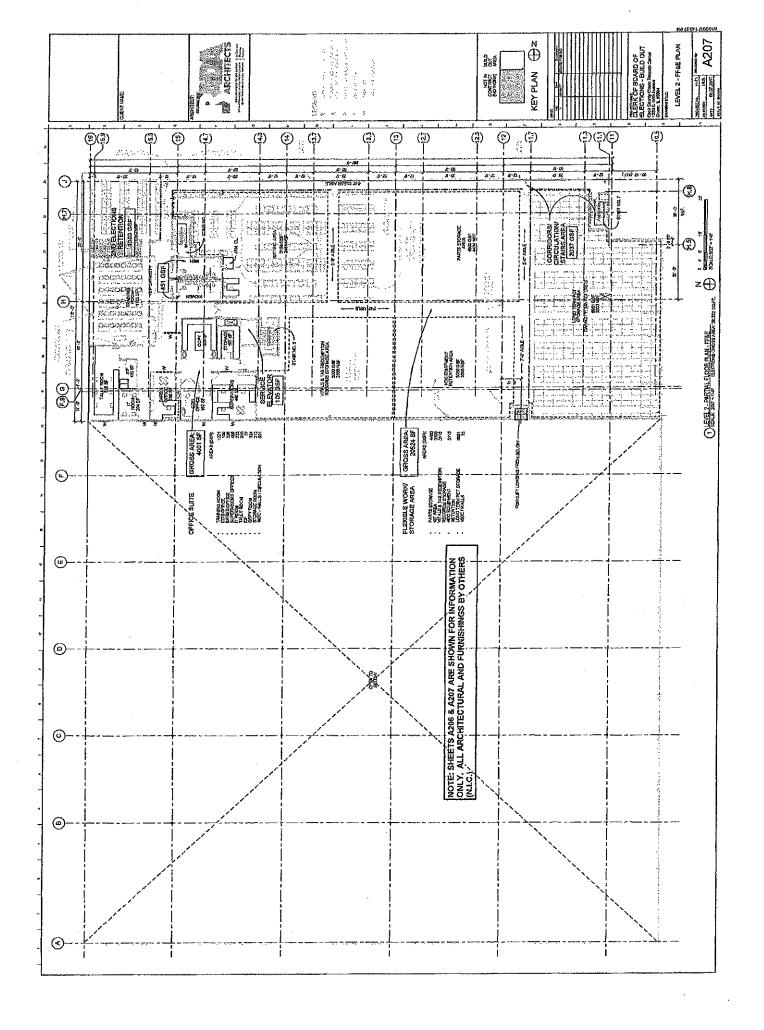
Qty Description

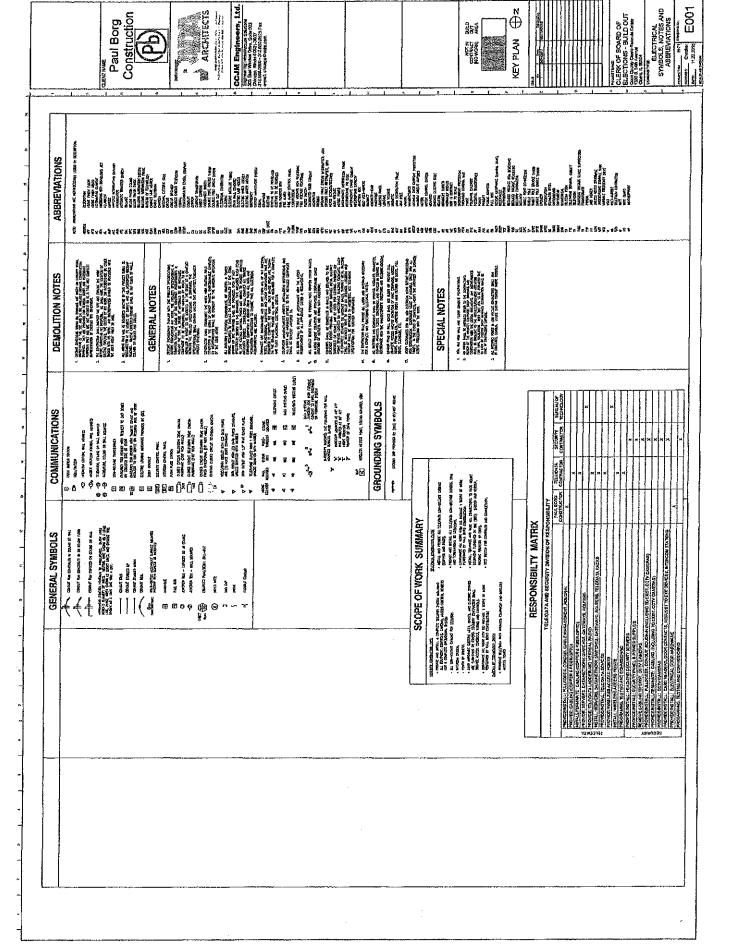
- Duress Button at Main Entry security desk
- 1 Vista 21 w/6150 keypad Control panel and keypad
- 1 Battery
- 1 First Year's monitorin
- 1 Lot of Wire

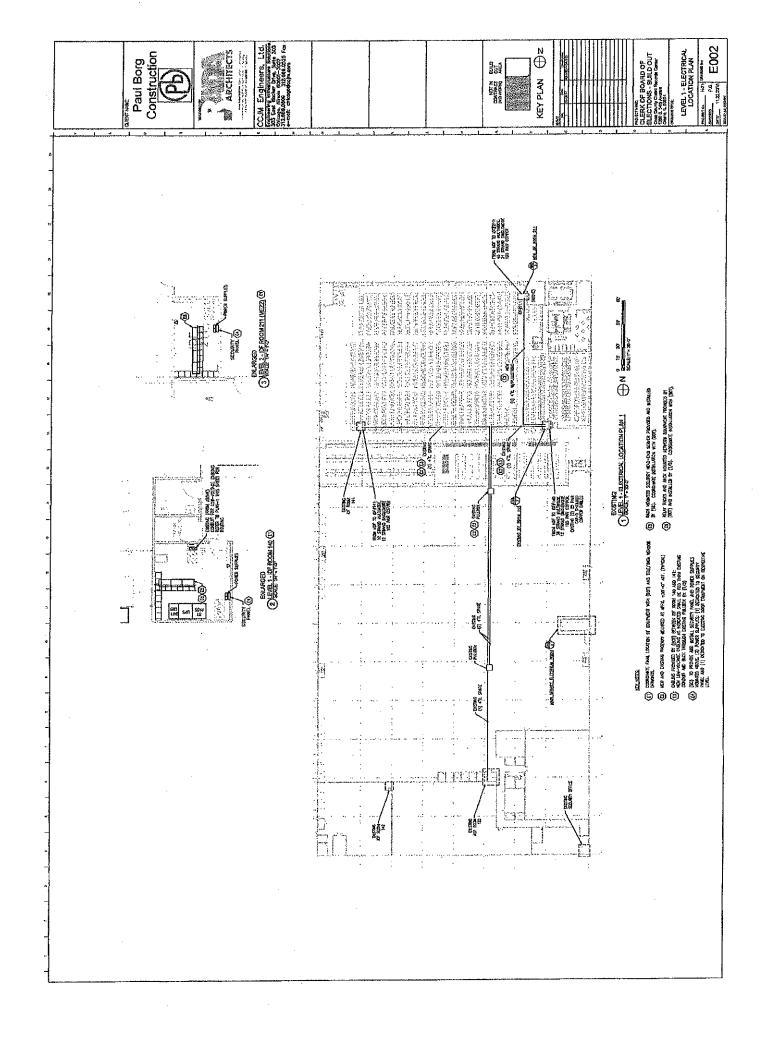
Section Total

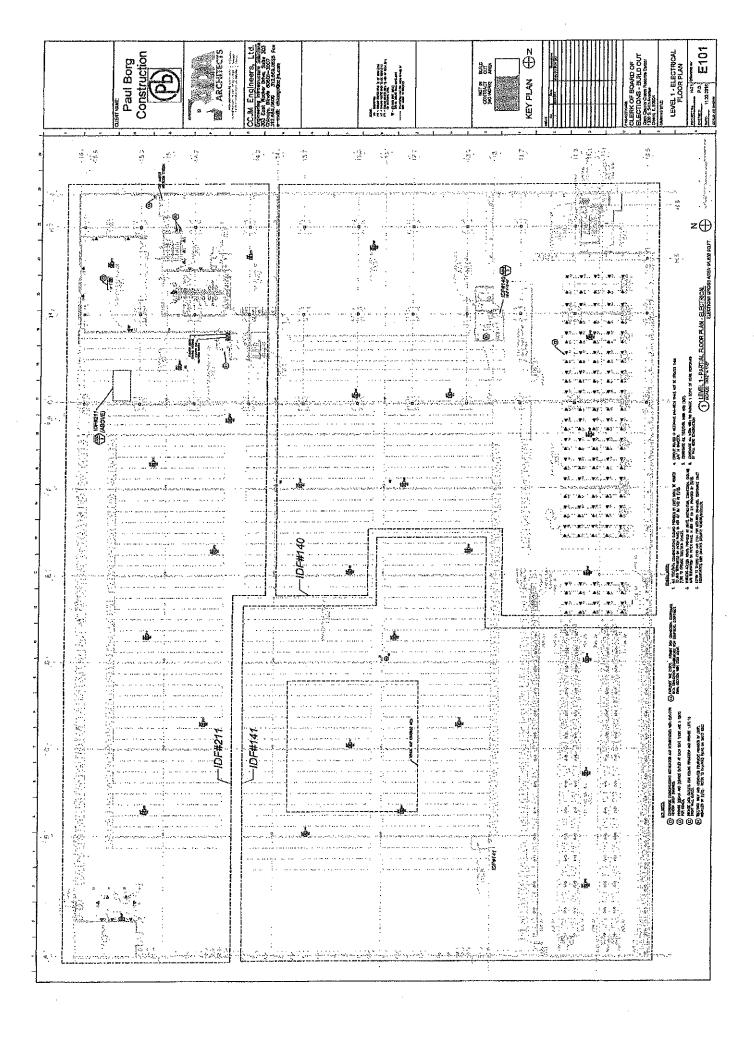


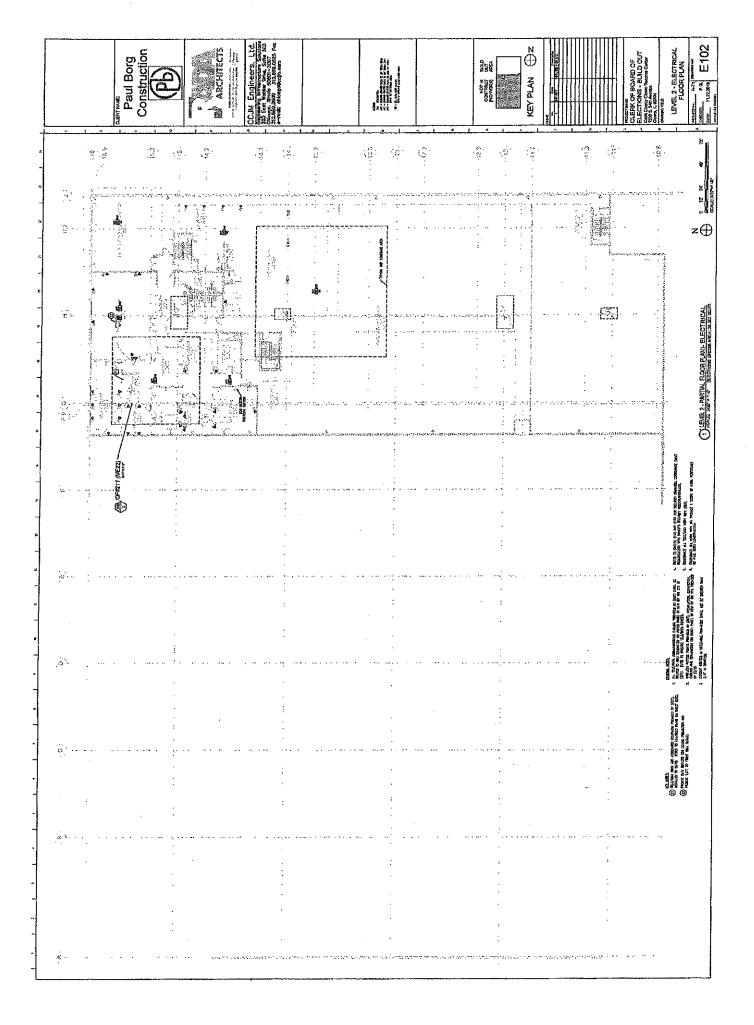


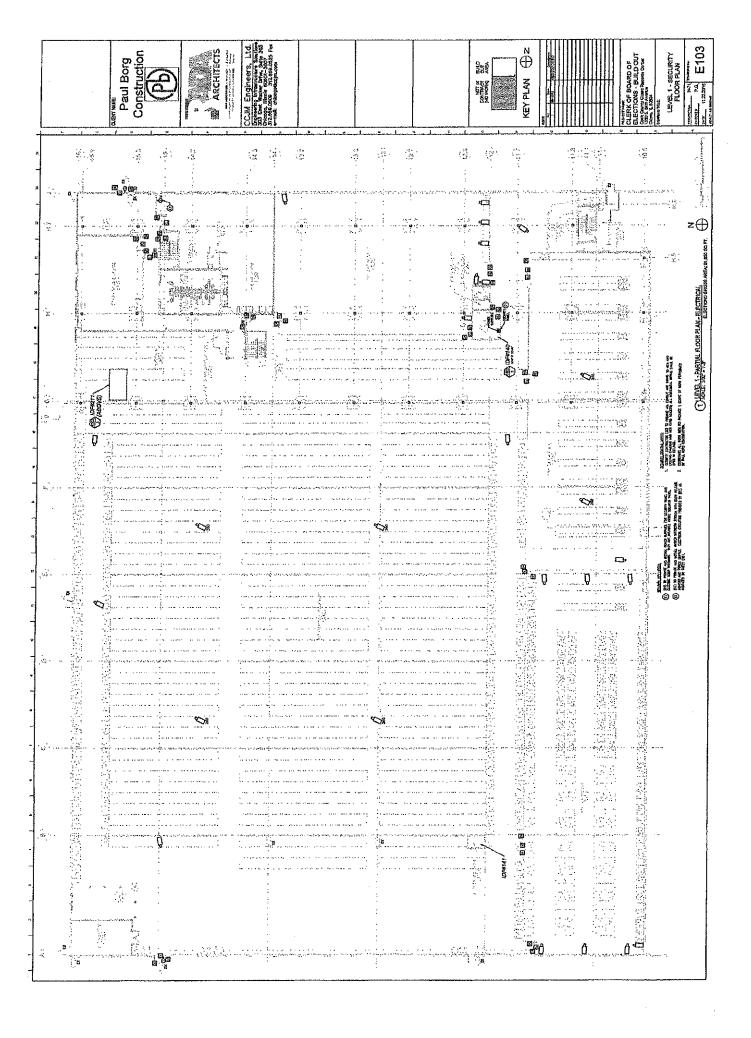


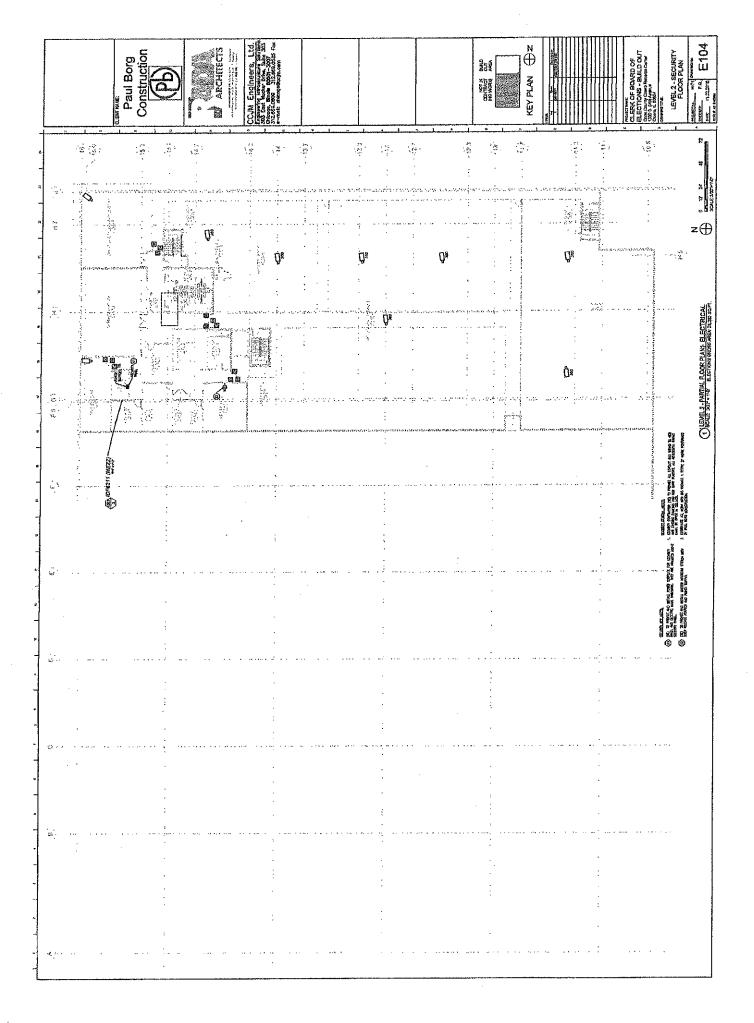












PROMESS. H.7. Driebna no. Program Condess. E001 ARCHITECTS Construction (P) ANTHROPOLY OF THE STATE OF THE **ABBREVIATIONS** DESTRUCTION OF THE PROPERTY OF THE COUNTY OF THE PROPERTY OF CONTROL OF A CONTR L. TENNOT CANADART METER TRANSCON ASSISTED AND ALL LOADS AND SHAREST METER OF HE PASSAGE ORGANIS AND ASSISTED AND ASSISTED THE PASSAGE OF AN ASSISTED AND ASSISTED AND ASSISTED AND ASSISTED AND ASSISTED AND ASSISTED AND ASSISTED. A Vot, is, set sur, and bost contact vigination.

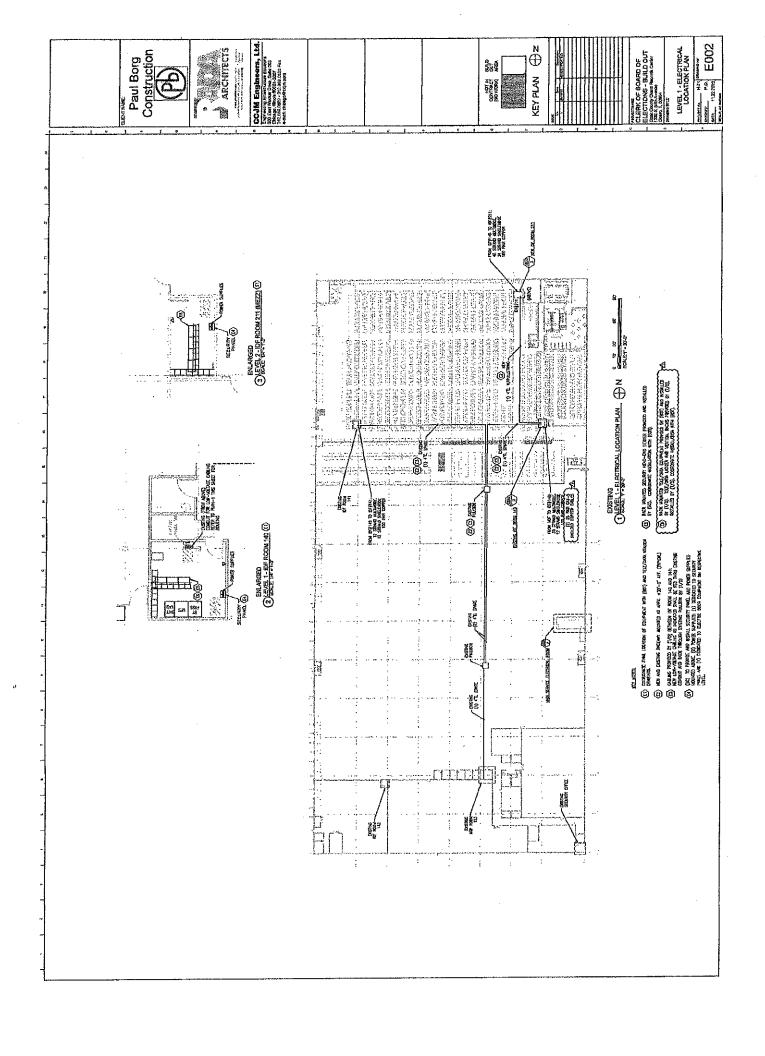
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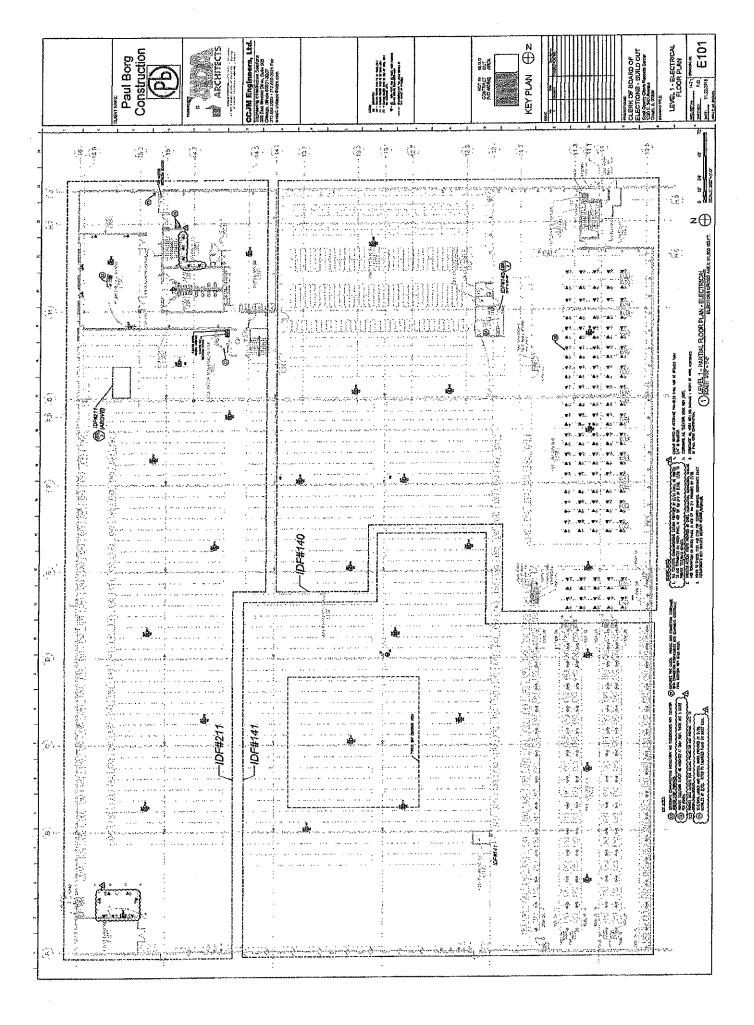
Paul Borg

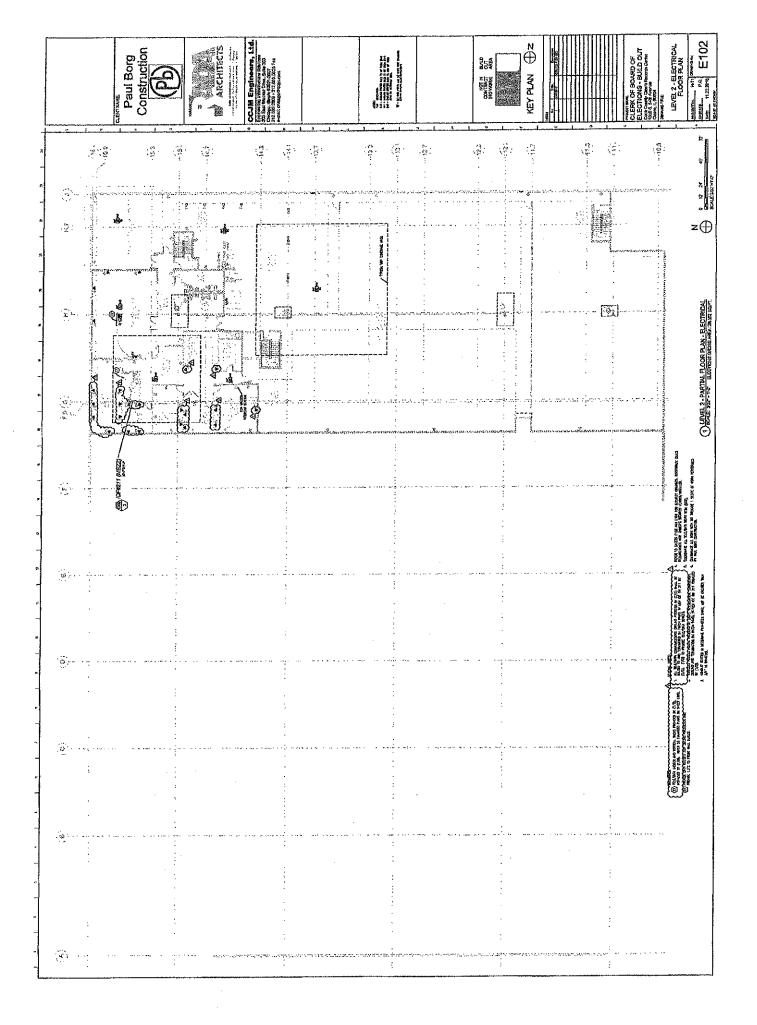
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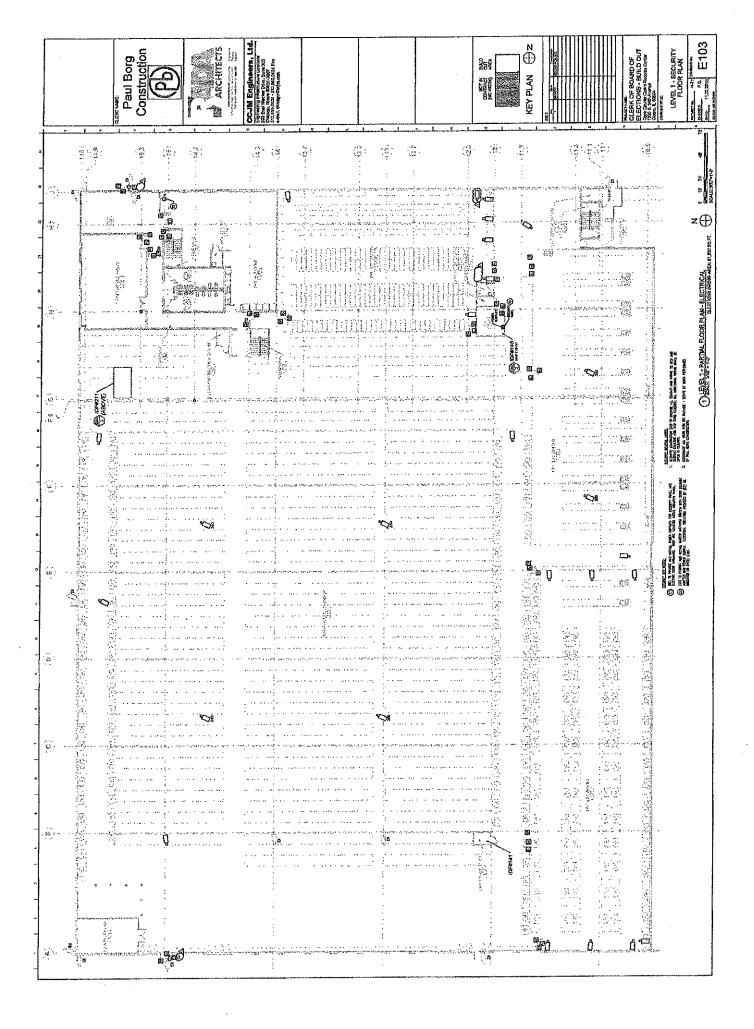
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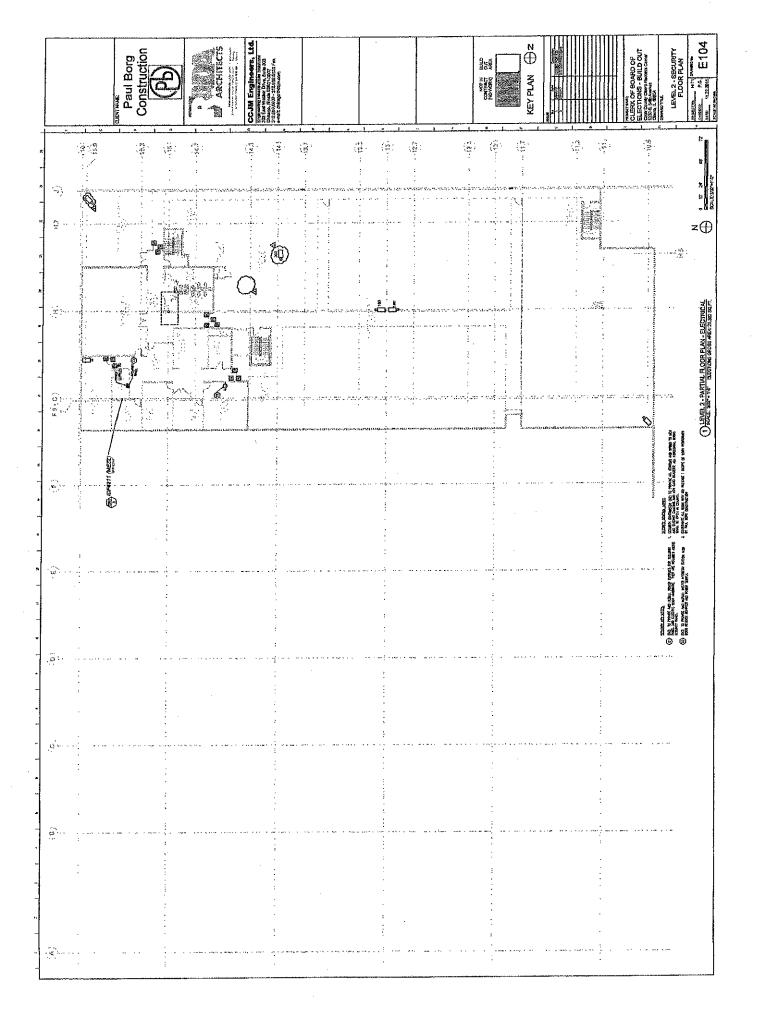
KEY PLAN

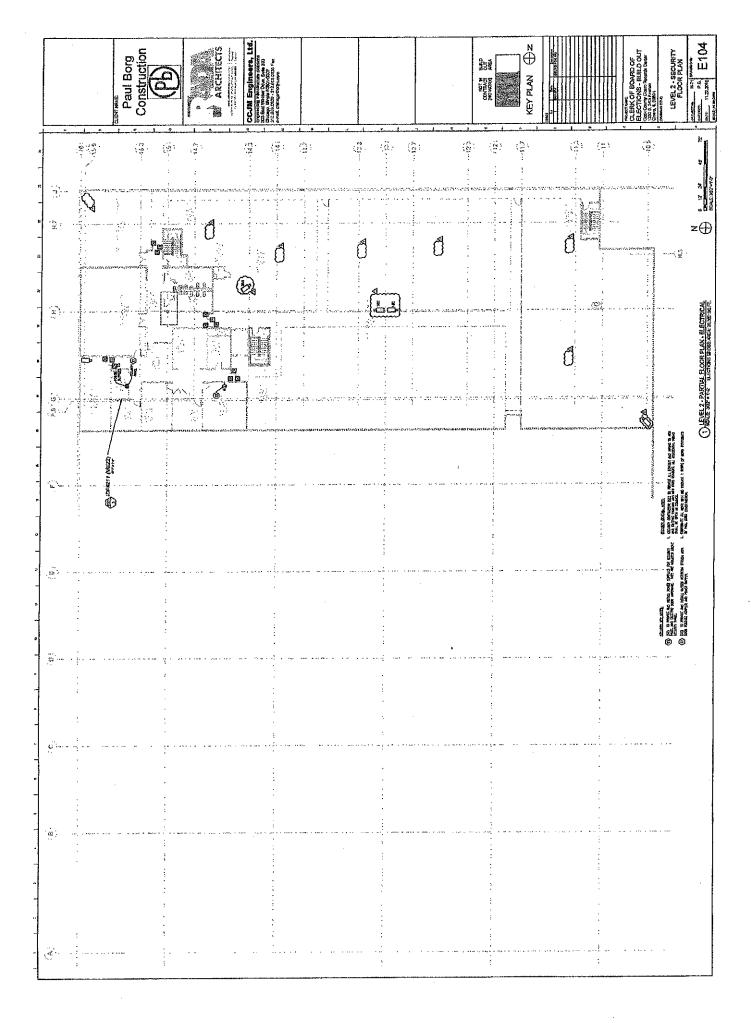


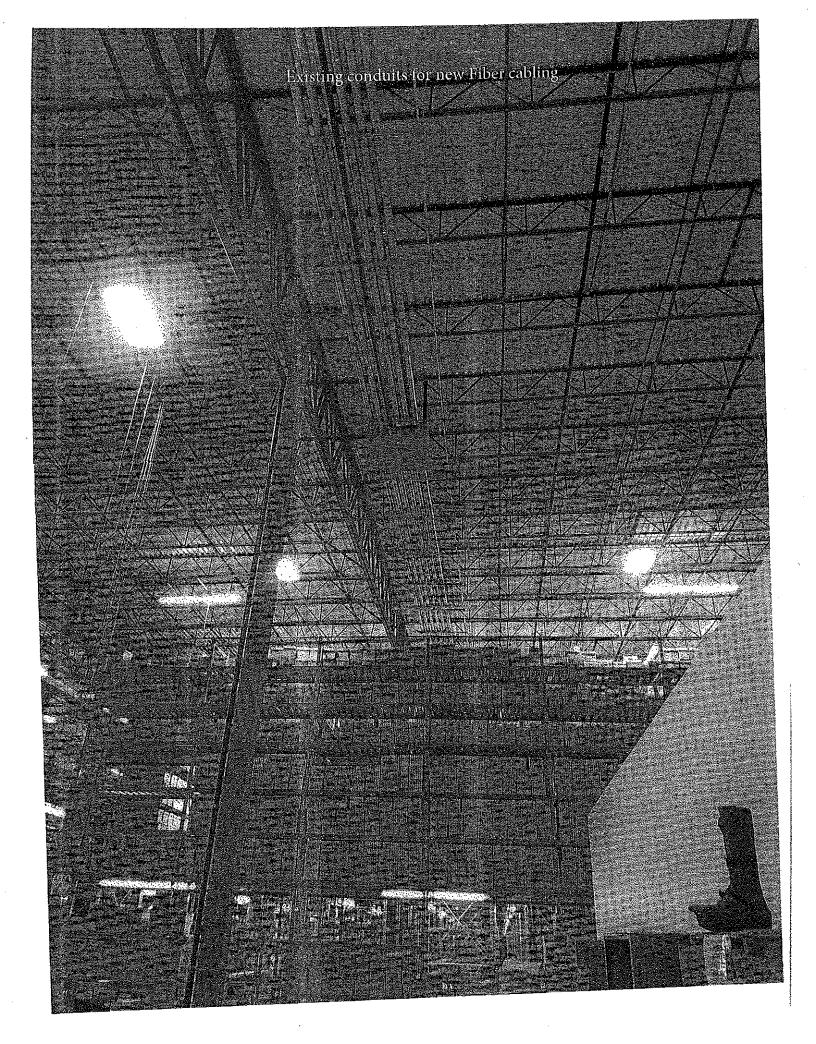


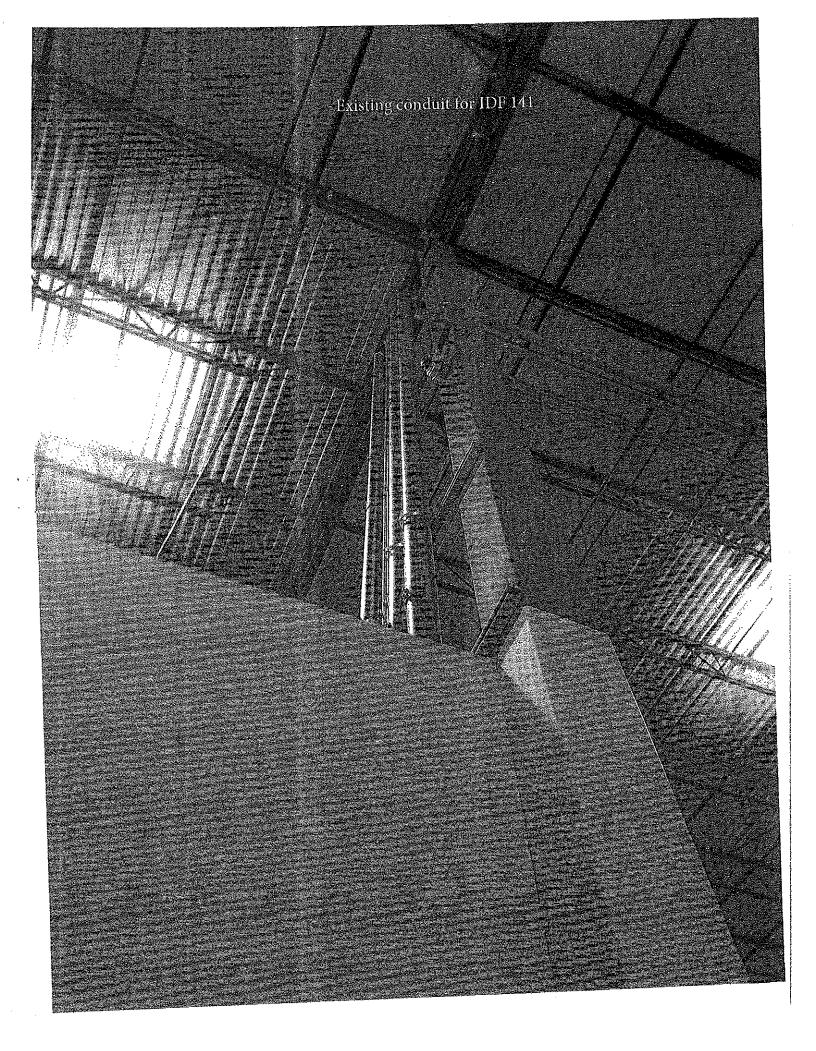


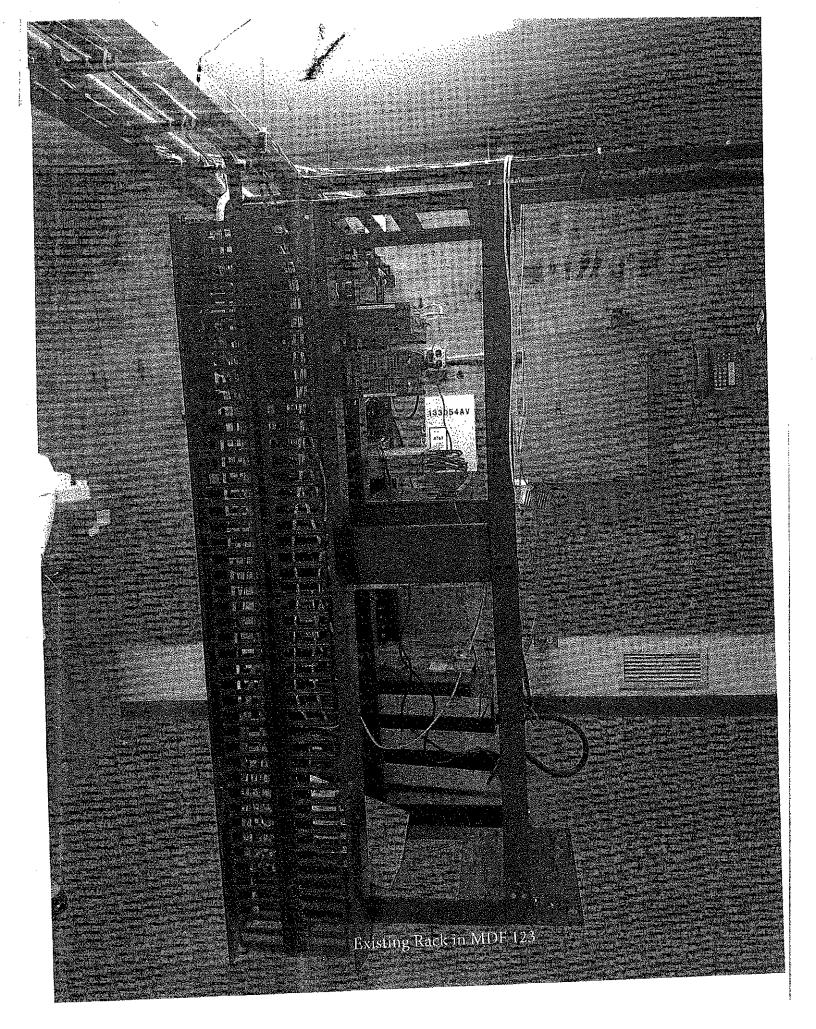


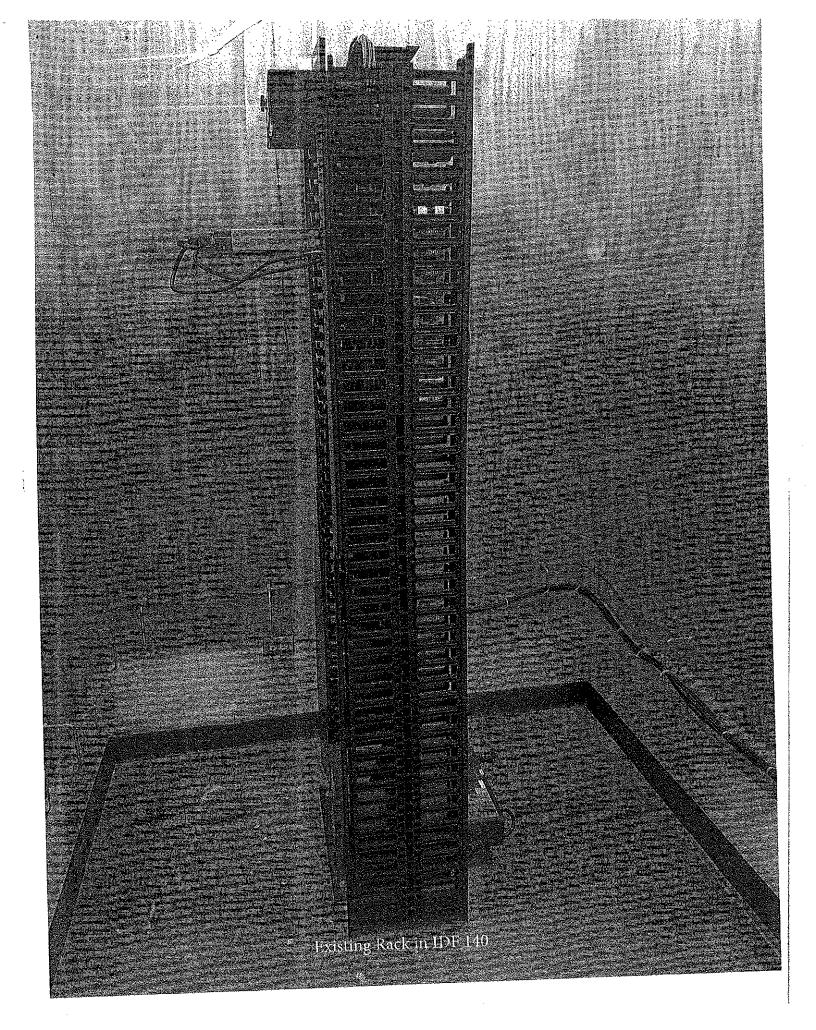


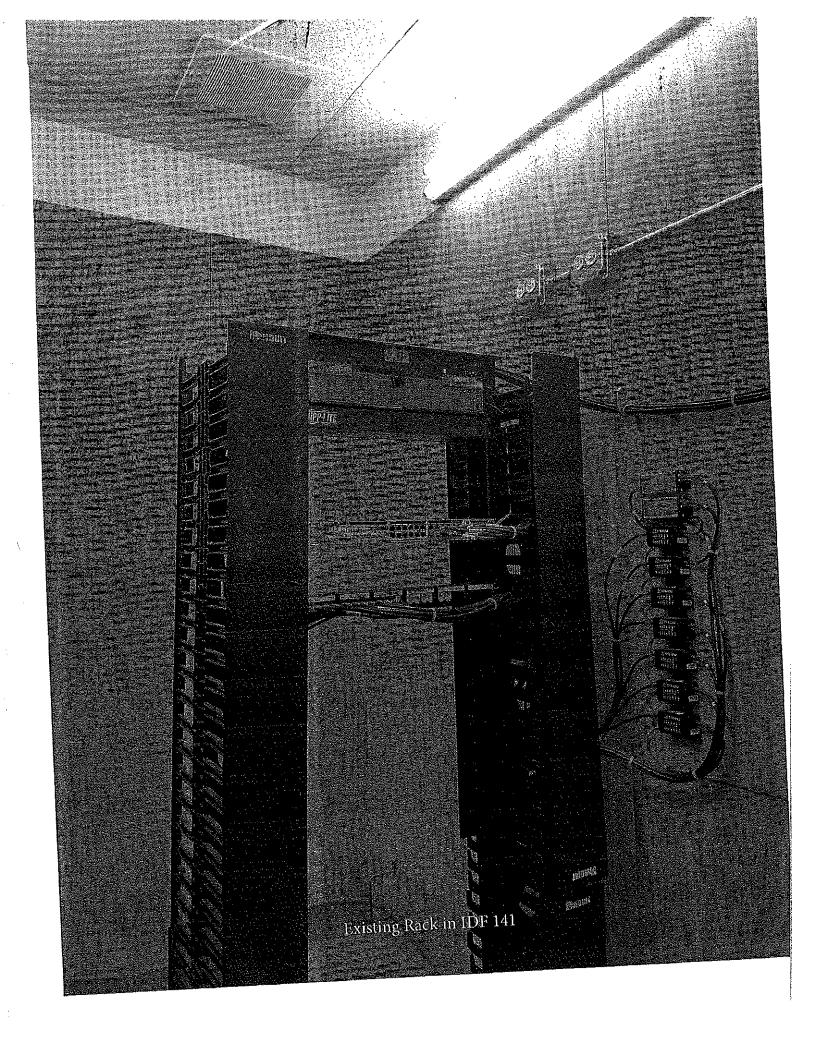












2	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Sep 10, 17	Sep 17, '17	
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ω 4 ∰ ∰]	Low voltage tele/data cable pull Security Cable Pull	•	Thu 10/12/17 Mon 10/23/17	Mon 11/6/17 Mon 11/13/17					
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8 (14)	Punch List Training & Close Outs	3 days 1 day		Wed 11/22/17 Tue 11/21/17			/		· · · · · · · · · · · · · · · · · · ·
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17 W T M		Milestone Summary	Project Summary	Page 3
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2.47 Oct 29, 17 M T F S S M T W T		Project: Schedule Cicero Security and Date: Wed 8/30/17		

Job Order Contract

APPROVED - Price Proposal Summary - CSI

Dafa

September 12, 2017

Contract Number:

1555-14475-EC8

Job Order Number:

045249,02

Job Order Title:

Cicero Records - Build Out For Elections Supplemental 2

Contractor:

Sharlen Electric Company

Proposal Value:

\$496,651.40

Proposal Name:

Cicero Records - Build Out For Elections Supplemental 2

Proposal Name:	
01 - General Requirements:	\$92,163.23
05 - Metals:	\$8,525.29
08 - Openings:	\$6,263.35
26 - Electrical:	\$17,975.42
27 - Communications:	\$271,624.41
28 - Electronic Safety And Security:	\$100,099.70
Proposal Total	\$496,651.40

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal:

0.00%

Eula Davila

Date

Brian Mills, Brian Mills

Date

Job Order Contract

<u>APPROVED</u> - Price Proposal Detail - CSI

Date:	September 12,	2017						
Contract Number:	1555-14475-EC	C8						•
Job Order Number					_			
Job Order Title:	Cicero Recards	- Build Out	For Elections Supp	olemental	2			
Contractor:	Sharten Electric	c Company						
Proposal Value:	\$496,651.40							
Proposal Name:			For Elections Supp					
Adjustment Factor	(s) Used: 0.900	0-Normal V	Vorking Hours, 1.00	00-No Ad	ljustment			
Rec# CSI Number	Mod.	UOM	Description					Line Tota
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Job Order Number: 045249.02

Job Order Title:

Cicero Records - Build Out For Elections Supplemental 2

	CSI No	·		UOM	Description					Line '	
)5 - I	Metals									01.0	24.00
5	05 05	23 00 0100		EΑ		" Length,	Zinc Plated Steel,	Low Car	bon/Grade 2, Hex Head	\$1,8	01.98
					Bolt Quantity		Unit Price		Factor	Total	
				Installation	355.00	x	\$5.64	×	0.9000 =	\$1,801.98	
			Maran Alman						ground bar. 325 j-hooks, 30	ground	
			USGI NOTE:	lugs, 325 + 3		, ,-1100110 1	o boarn and gran				
ateç	ory1:	Voice/Data		1494	-						
6		23 00 0100	0159		For >250 To 500, D	educt				-\$4	47.3
-	•••				Quantity		Unit Price	-	Factor	Total	
				Installation	365,00	x	\$-1.40	x	0.9000 =	\$-447.30	
ator	jory1:	Voice/Data									
		23 00 1209		LF	1/4" Diameter, Zinc	Plated St	eel, Low Carbon	Threaded	Rod	\$3	38.8
7	00 00	20 00 1200			Quantity		Unit Price		Factor	Total	
				Installation	208.00	x	\$1.81	¥	0.9000 =	\$338.83	
			11 31.414					• •	ontrol doors. 2 rods at 2' pe	er box, 32	
			Oser Note:	hoxes: 2 rod	s at 40'. ((32 x 2) x 2') + (2 x 40	r) = 208				
atec	jory1:	Security Rou	ıgh		,, .						
8		23 00 1286		EA	1/4" Diameter, Zinc	Plated St	eel, Low Carbon/	Grade 2 l	lex Nut	\$3	63.7
-	•				Quantity		Unit Price	<u></u>	Factor	Total	
				Instaliation	842.00	×	\$0.48	×	0.9000 =	\$363.74	
			i la av kintar				the threaded rod	lo camera	box and connecting j-hook	to beam	
			OSCI MOTO!	clamp. The	re are 6 for each box	(1 at bear	n clamp, 1 above	box, and	1 below box at each thread	ed rod)	
				and 2 at eac	h j-hook. 32 boxes, 3	25 j-hook	s. (32 x 6) + (325	x 2) = 19	2 + 650 = 842		
ater	jory1:	Voice/Data -	Security	,	•						
		20 00 400C	***************************************	EA	1/4" Inside Diamete	or, Zinc Pl	ated Steel, Low C	arbon Fla	nt Washer	\$	21.8
8		23 UU 1305									
g		23 00 1385			Quantity		Unit Price		Factor	Total	
3		23 00 1365		Installation	Quantity 808.00	×	Unit Price \$0.03	x	Factor 0,9000 =	Total \$21.82	
¥		23 00 1385	llear Nota	Installation	808.00	x necting th	\$0.03 e threaded rod to	camera b	0,9000 = ox, at each j-hook, and at e	\$21.82 ach	
¥		23 00 1365	User Note:	Washers are	808.00 a required where cons	necting the	\$0.03 threaded rod to ove box, and 1 b	camera b	0,9000 = lox, at each j-hook, and at each threaded rod), 2 at	\$21.82 ach each	
¥		23 00 1365	User Note:	Washers are ground ing. j-hook, 1 at	808.00 a required where con There are 4 for each each ground lug. 32 b	necting the	\$0.03 threaded rod to ove box, and 1 b	camera b	0,9000 = ox, at each j-hook, and at e	\$21.82 ach each	
				Washers are	808.00 a required where con There are 4 for each each ground lug. 32 b	necting the	\$0.03 threaded rod to ove box, and 1 b	camera b	0,9000 = lox, at each j-hook, and at each threaded rod), 2 at	\$21.82 ach each	
	gory1:	Volce/Data -		Washers are ground iug. j-hook, 1 at 650 + 30 = 8	808.00 a required where con There are 4 for each each ground lug. 32 b 308	necting the box (1 ab	\$0.03 a threaded rod to love box, and 1 b 5 j-hooks, and 30	camera b elow box ground lu	0.9000 = 100x, at each j-hook, and at e at each threaded rod), 2 at o gs. (32 x 4) + (325 x 2) + 30	\$21.82 ach each) = 128 +	\$3.7
				Washers are ground ing. j-hook, 1 at	808.00 a required where con There are 4 for each each ground lug. 32 b	necting the box (1 ab	\$0.03 e threaded rod to ove box, and 1 b b j-hooks, and 30 ated Steel, Low C	camera b elow box ground lu	0.9000 = ox, at each j-hook, and at each threaded rod), 2 at each (32 x 4) + (325 x 2) + 30 ck Washer	\$21.82 ach each) = 128 +	\$3.7
ateg		Volce/Data -		Washers are ground iug. j-hook, 1 at 650 + 30 = 8	808.00 a required where con There are 4 for each each ground lug. 32 b 308	necting the box (1 ab	\$0.03 a threaded rod to love box, and 1 bi 5 j-hooks, and 30 ated Steel, Low C Unit Price	camera below boxing ground lucation Location	0.9000 = nox, at each j-hook, and at eat each threaded rod), 2 at gs. (32 x 4) + (325 x 2) + 30 ck Washer Factor	\$21.82 each) = 128 +	\$3.7
ateg		Volce/Data -	Security	Washers an ground iug. j-hook, 1 at 650 + 30 = 8	808.00 a required where con: There are 4 for each each ground lug. 32 to 308 1/4" Inside Diamete Quantity 419.00	necting the box (1 aboxes, 329 er. Zinc Pl	\$0.03 a threaded rod to cove box, and 1 bi 5 j-hooks, and 30 ated Steel, Low C Unit Price \$0.01	camera below box ground lu carbon Lo	0,9000 = nox, at each j-hook, and at each threaded rod), 2 at ags. (32 x 4) + (325 x 2) + 30 ck Washer Factor 0,9000 =	\$21.82 each) = 128 + Total \$3.77	\$3.7
ateg		Volce/Data -	Security	Washers and ground iug. j-hook, 1 at 650 + 30 = 8 EA	808.00 a required where con: There are 4 for each each ground lug. 32 to 308 1/4" Inside Diamete Quantity 419.00	necting the box (1 aboxes, 329 er. Zinc Pl	\$0.03 a threaded rod to rove box, and 1 bi 5 j-hooks, and 30 ated Steel, Low C Unit Price \$0.01	camera below box ground lu carbon Lo x	0,9000 = nox, at each j-hook, and at each threaded rod), 2 at a gs. (32 x 4) + (325 x 2) + 30 ck Washer Factor 0,9000 = nera box, at each j-hook, and	\$21.82 each) = 128 + Total \$3.77 d et each	\$3.7
cate:		Volce/Data -	Security	Washers and ground iug. j-hook, 1 at 650 + 30 = 8 EA Installation Lock washer ground iug.	808.00 a required where continued are 4 for each ground lug. 32 to 308 1/4" Inside Diameter Quantity 419.00 rs are required where	necting the box (1 aboxes, 32) er. Zinc Pl x e connection box (1 be box (1 be connection))	\$0.03 a threaded rod to rove box, and 1 bi 5 j-hooks, and 30 ated Steel, Low C Unit Price \$0.01 ng the threaded n	camera below box ground fu carbon Lo x and to came the thread	0,9000 = nox, at each j-hook, and at each threaded rod), 2 at a gs. (32 x 4) + (325 x 2) + 36 ck Washer Factor 0,9000 = nera box, at each j-hook, and led rod), 1 at each j-hook, 1	\$21.82 each) = 128 + Total \$3.77 d et each at each	\$3.7
≎ateç 10	05 05	Voice/Data - 23 00 1469	Security User Note:	Washers and ground iug. j-hook, 1 at 650 + 30 = 8 EA Installation Lock washer ground iug.	808.00 a required where continued are 4 for each ground lug. 32 to 308 1/4" Inside Diameter Quantity 419.00 rs are required where	necting the box (1 aboxes, 32) er. Zinc Pl x e connection box (1 be box (1 be connection))	\$0.03 a threaded rod to rove box, and 1 bi 5 j-hooks, and 30 ated Steel, Low C Unit Price \$0.01 ng the threaded n	camera below box ground fu carbon Lo x and to came the thread	0,9000 = nox, at each j-hook, and at each threaded rod), 2 at a gs. (32 x 4) + (325 x 2) + 30 ck Washer Factor 0,9000 = nera box, at each j-hook, and	\$21.82 each) = 128 + Total \$3.77 d et each at each	\$3.7
≎ateç 10	05 05 gory1:	Voice/Data - 23 00 1469	Security User Note:	Washers and ground lug. j-hook, 1 at 650 + 30 = 8 EA Installation Lock washe ground lug. ground lug.	808.00 In required where con- There are 4 for each ground lug. 32 to 308 1/4" Inside Diamete Quantity 419.00 Its are required where There are 2 for each 32 boxes, 325 j-hook	necting the box (1 aboxes, 324) er, Zinc Pl x e connecti box (1 be s, and 30	\$0.03 a threaded rod to ove box, and 1 bi i j-hooks, and 30 ated Steel, Low C Unit Price \$0.01 ng the threaded no clow the box at ea ground lugs. (32)	camera below box ground fu carbon Lo x and to came the thread	0,9000 = nox, at each j-hook, and at each threaded rod), 2 at a gs. (32 x 4) + (325 x 2) + 36 ck Washer Factor 0,9000 = nera box, at each j-hook, and led rod), 1 at each j-hook, 1	\$21.82 each each) = 128 + Total \$3.77 d at each at each	\$3.7
10	05 05 gory1:	Voice/Data - 23 00 1469	Security User Note:	Washers and ground iug. j-hook, 1 at 650 + 30 = 8 EA Installation Lock washer ground iug.	808.00 a required where con: There are 4 for each each ground lug. 32 b 308 1/4" Inside Diametr Quantity 419.00 rs are required where There are 2 for each 32 boxes, 325 j-hook Unistrut Beam Clar	necting the box (1 aboxes, 324) er, Zinc Pl x e connecti box (1 be s, and 30	\$0.03 a threaded rod to love box, and 1 bis j-hooks, and 30 ated Steel, Low C Unit Price \$0.01 ing the threaded in slow the box at ea ground lugs. (32	camera below box ground fu carbon Lo x and to came the thread	0,9000 = nox, at each j-hook, and at each threaded rod), 2 at egs. (32 x 4) + (325 x 2) + 36 ck Washer Factor 0,9000 = nera box, at each j-hook, and led rod), 1 at each j-hook, 1 5 + 30 = 64 + 325 + 30 = 41	\$21.82 each each) = 128 + Total \$3.77 d at each at each	
10	05 05 gory1:	Voice/Data - 23 00 1469	Security User Note:	Washers and ground lug. j-hook, 1 at 650 + 30 = 8 EA Installation Lock washe ground lug. EA	808.00 a required where con. There are 4 for each each ground lug. 32 b 308 1/4" Inside Diametr Quantity 419.00 rs are required where There are 2 for each 32 boxes, 325 j-hook Unistrut Beam Clar	necting the box (1 aboxes, 325) er, Zinc Pl x e connecti e box (1 be s, and 30 mp. 1-5/8	\$0.03 a threaded rod to ove box, and 1 bi i j-hooks, and 30 ated Steel, Low C Unit Price \$0.01 ng the threaded n slow the box at ea ground lugs. (32 Channel P2875 Unit Price	camera below box ground lu carbon Lo x od to cam ich thread x 2) + 325	0,9000 = nox, at each j-hook, and at each threaded rod), 2 at each gs. (32 x 4) + (325 x 2) + 36 ck Washer Factor 0,9000 = nera box, at each j-hook, and led rod), 1 at each j-hook, 1 5 + 30 = 64 + 325 + 30 = 41	\$21.82 each each) = 128 + Total \$3.77 d at each at each 9	
10	05 05 gory1:	Voice/Data - 23 00 1469	Security User Note:	Washers and ground lug. j-hook, 1 at 650 + 30 = 8 EA Installation Lock washe ground lug. ground lug. EA	808.00 a required where con: There are 4 for each each ground lug. 32 b 308 1/4" Inside Diametr Quantity 419.00 rs are required where There are 2 for each 32 boxes, 325 j-hook Unistrut Beam Clar	necting the box (1 aboxes, 324 accommendation of the box (1 box (\$0.03 a threaded rod to love box, and 1 bis j-hooks, and 30 ated Steel, Low C Unit Price \$0.01 ing the threaded in slow the box at ea ground lugs. (32 Channel P2875 Unit Price \$19.42	camera below box ground lu carbon Lo x and to camech thread x 2) + 325	0,9000 = nox, at each j-hook, and at each threaded rod), 2 at each gs. (32 x 4) + (325 x 2) + 36 ck Washer Factor 0,9000 = nera box, at each j-hook, and led rod), 1 at each j-hook, 1 5 + 30 = 64 + 325 + 30 = 41 Factor 0,9000 =	\$21.82 ach each 0 = 128 + Total \$3.77 d at each at each 9 \$5,6	
10 Categ	05 05 gory1: 05 43	Voice/Data - 23 00 1469	Security User Note: Security User Note:	Washers and ground lug. j-hook, 1 at 650 + 30 = 8 EA Installation Lock washe ground lug. ground lug. EA	808.00 a required where con: There are 4 for each each ground lug. 32 b 308 1/4" Inside Diametr Quantity 419.00 rs are required where There are 2 for each 32 boxes, 325 j-hook Unistrut Beam Clar	necting the box (1 aboxes, 324 accommendation of the box (1 box (\$0.03 a threaded rod to love box, and 1 bis j-hooks, and 30 ated Steel, Low C Unit Price \$0.01 ing the threaded in slow the box at ea ground lugs. (32 Channel P2875 Unit Price \$19.42	camera below box ground lu carbon Lo x and to cam ich thread x 2) + 325	0,9000 = nox, at each j-hook, and at each threaded rod), 2 at each gs. (32 x 4) + (325 x 2) + 36 ck Washer Factor 0,9000 = nera box, at each j-hook, and led rod), 1 at each j-hook, 1 5 + 30 = 64 + 325 + 30 = 41	\$21.82 ach each 0 = 128 + Total \$3.77 d at each at each 9 \$5,6	

Job Order Number: 045249.02

Job Order Title:

Cicero Records - Build Out For Elections Supplemental 2

	CSIN	nuper	Mod.	UOM	Description				Control of the contro	Line Tota
8 - (Openir	ngs				Section of the Section	Martin aparta aparta da managari Sala	anna timisandes		AE 600 0
12	08 74	16 00 0004	•	EA	Premise Control Un	it (Securi		B - 32004-0		\$5,529.8
					Quantity		Unit Price		Factor	Total \$5,529.88
				Installation	1.00	x	\$6,144.31	X	0.9000 =	φ0,020.00
ateg	ory1:	Security								\$733.4
13	08 74	16 00 0006		EA	ALS Duress Switch	(Security		30810-00		
		1			Quantity		Unit Price		Factor	Total \$733.47
				Installation	1.00	x	\$814.97	x	0.9000 =	φ100. 1 1
ateg	ory1:	Security			2.00					
ubt	otal fo	r 08 - Openin	gs:							\$6,263.3
6 - 1	Electri	cal	A	Management of the same				of all the same of the same		
14	26 05	26 00 0023		MLF	6 AWG Copper Inst	lated Sir	gle Stranded Cor	ductor		\$482.2
					Quantity		Unit Price		Factor	Total
				Installation	0,40	×	\$1,339.53	x	0.9000 =	\$482.23
ateg	ory1:	Voice/Data								
15	26 05	29 00 0132		EA	3/4" Boit And Nut C	onduit Ci	p (Minerallac 1B)			\$282.3
					Quantity		Unit Price		Factor	Total
				Installation	74.00	x	\$4.24	×	0.9000 =	\$282.38
16		Security Rou 29 00 0133	yıı	EA	1" Bolt And Nut Co	nduit Clip				\$63,2 Total
					Quantity		Unit Price		Factor	rotai
							24.00		0.0000 ==	\$63,22
				Installation	16.00	X	\$4,39		0.9000 =	\$63.22
. 4		Conside Pou	User Note;						0,9000 = afore, 16 conduit clips.	\$63.22
	jory1;	Security Rou		Used to fast	en conduit every 10'.	160' equi	valent conduit len	gih, There		\$63.22 \$336.8
ateg		Security Rou 5 29 00 0134			en conduit every 10'. 1-1/4" Boll And Nut	160' equi	valent conduit len Clip (Mineraliac 2	gih, There		
				Used to fast	en conduit every 10'. 1-1/4" Boll And Nut Quantily	160' equi	valent conduit len Clip (Mineralfac 2 Unit Price	gth. There	afore, 16 conduit clips.	\$336.\$
			gh	EA Installation	en conduit every 10'. 1-1/4" Bolt And Nut Quantity 80.00	160' equi	valent conduit len Clip (Mineraliac 2 Unit Price \$4.68	gih. There	Factor 0,9000 =	\$336.£ Total
17	26 05	5 29 00 0134	gh User Note:	EA Installation	en conduit every 10'. 1-1/4" Bolt And Nut Quantity 80.00	160' equi	valent conduit len Clip (Mineraliac 2 Unit Price \$4.68	gih. There	afore, 16 conduit clips.	\$336.£ Total
17	26 05 gory1;	5 29 00 0134 Security Rou	gh User Note:	EA Installation	en conduit every 10'. 1-1/4" Boll And Nut Quantity 80.00 en conduit every 10'.	Conduit x 800' equi	valent conduit len Clip (Minerallac 2 Unit Price \$4.68 valent conduit len	gih. There	Factor 0,9000 =	\$336.£ Total
17	26 05 gory1;	5 29 00 0134	gh User Note:	EA Installation Used to fast	en conduit every 10'. 1-1/4" Bolt And Nut Quantity 80.00	Conduit x 800' equi	valent conduit len Clip (Minerallac 2 Unit Price \$4.68 valent conduit len	gih. There	Factor 0,9000 =	\$336.9 Total \$336.96 \$35.
17	26 05 gory1;	5 29 00 0134 Security Rou	gh User Note:	EA Installation Used to fast	en conduit every 10'. 1-1/4" Bolt And Nut Quantity 80.00 en conduit every 10'. 3/8" Diameter, Three	Conduit x 800' equi	valent conduit len Clip (Mineraliac 2 Unit Price \$4.68 valent conduit len	g(h, There	Factor 0,9000 = efore, 80 conduit clips.	\$336.9 Total \$336.96 \$35.
17	26 05 gory1;	5 29 00 0134 Security Rou	gh User Note: gh	EA Installation Used to fast EA Installation	en conduit every 10'. 1-1/4" Bolt And Nut Quantity 80.00 en conduit every 10'. 3/8" Diameter, Three Quantity 6.00	Conduit x 800' equi	valent conduit len Clip (Mineraliac 2 Unit Price \$4.68 valent conduit len d Coupling Nut Unit Price \$6.51	gih. There	Factor 0.9000 = efore, 80 conduit clips. Factor 0.9000 =	\$336.9 Total \$336.96 \$35. Total \$35.15
17 ateg	26 05 gory1: 26 05	Security Rou 5 29 00 0296	gh User Note: gh User Note:	EA Installation Used to fast EA Installation	en conduit every 10'. 1-1/4" Bolt And Nut Quantity 80.00 en conduit every 10'. 3/8" Diameter, Three Quantity 6.00	Conduit x 800' equi	valent conduit len Clip (Mineraliac 2 Unit Price \$4.68 valent conduit len d Coupling Nut Unit Price \$6.51	gih. There	Factor 0.9000 = efore, 80 conduit clips.	\$336.9 Total \$336.96 \$35. Total \$35.15
17 ateg	26 05 gory1: 26 05 gory1:	Security Rou 5 29 00 0296 Security Rou	gh User Note: gh User Note:	EA Installation Used to fast EA Installation Required to x 2 = 6	en conduit every 10'. 1-1/4" Bolt And Nut Quantity 80.00 en conduit every 10'. 3/8" Diameter, Thre Quantity 6.00 connect 10' sections	Conduit x 800' equi	valent conduit len Clip (Mineraliac 2 Unit Price \$4.68 valent conduit len d Coupling Nut Unit Price \$6.51 readed rod at sele	gth. There -1/2B) x gth. There x ect access	Factor 0,9000 = efore, 80 conduit clips. Factor 0,9000 =	\$336.9 Total \$336.96 \$35. Total \$35.15
ateg	26 05 gory1: 26 05 gory1:	Security Rou 5 29 00 0296	gh User Note: gh User Note:	EA Installation Used to fast EA Installation Required to	en conduit every 10'. 1-1/4" Bolt And Nut Quantity 80.00 en conduit every 10'. 3/8" Diameter, Thre Quantity 6.00 connect 10' sections	Conduit x 800' equi	valent conduit len Clip (Minerallac 2 Unit Price \$4.68 valent conduit len d Coupling Nut Unit Price \$6.51 readed rod at sele	gth. There -1/2B) x gth. There x ect access	Factor 0.9000 = efore, 80 conduit clips. Factor 0.9000 = control doors, 3 coupling	\$336.9 Total \$336.96 \$35. Total \$35.15 gs per 40'. 3
ateg	26 05 gory1: 26 05 gory1:	Security Rou 5 29 00 0296 Security Rou	gh User Note: gh User Note:	EA Installation Used to fast EA Installation Required to x 2 = 6 EA	en conduit every 10'. 1-1/4" Bolt And Nut Quantity 80.00 en conduit every 10'. 3/8" Diameter, Thre Quantity 6.00 connect 10' sections	Conduit x 800' equi eaded Ro x of 1/4" th	valent conduit len Clip (Mineraliac 2 Unit Price \$4.68 valent conduit len d Coupling Nut Unit Price \$6.51 readed rod at sele Unit Price	gth. There -1/2B) x gth. There x ect access	Factor 0,9000 = efore, 80 conduit clips. Factor 0,9000 =	\$336.9 Total \$336.96 \$35.1 Total \$35.15 gs per 40'. 3
17 ateg	26 05 gory1: 26 05 gory1:	Security Rou 5 29 00 0296 Security Rou	gh User Note: gh User Note:	EA Installation Used to fast EA Installation Required to x 2 = 6 EA Installation	en conduit every 10'. 1-1/4" Bolt And Nut Quantity 80.00 en conduit every 10'. 3/8" Diameter, Thre Quantity 6.00 connect 10' sections 3/4" Rigid Gelvaniz Quantity 128.00	Conduit x 800' equi eaded Ro x of 1/4" th	valent conduit len Clip (Mineraliac 2 Unit Price \$4.68 valent conduit len d Coupling Nut Unit Price \$6.51 readed rod at sele (RGS) Plastic Ins Unit Price \$10.83	gth. There -1/2B) x gth. There x ect access	Factor 0.9000 = efore, 80 conduit clips. Factor 0.9000 = econtrol doors, 3 coupling shing Factor 0.9000 =	\$336.9 Total \$336.96 \$35.1 Total \$35.15 ps per 40'. 3
ateg	26 05 gory1: 26 05 gory1:	Security Rou 5 29 00 0296 Security Rou	gh User Note: gh User Note:	EA Installation Used to fast EA Installation Required to x 2 = 6 EA Installation Bushings ar	en conduit every 10'. 1-1/4" Bolt And Nut Quantity 80.00 en conduit every 10'. 3/8" Diameter, Thre Quantity 6.00 connect 10' sections 3/4" Rigid Gelvaniz Quantity 128.00	Conduit x 800' equi eaded Ro x of 1/4" th	Valent conduit len Clip (Mineraliac 2 Unit Price \$4.68 Valent conduit len Unit Price \$6.51 readed rod at seld (RGS) Plastic Ins Unit Price \$10.83 runs to protect wit	gth. There -1/2B) x gth. There x ect access	Factor 0.9000 = efore, 80 conduit clips. Factor 0.9000 =	\$336.9 Total \$336.96 \$35.1 Total \$35.15 ps per 40'. 3

045249.02

Job Order Title:

-	CSIN	umber	Mod.	UOM	Description						Line T
26 - I	Electri	cal							SULFON ON FRANCE		
20	26 05	33 13 0158		EA	1" Rigid Galvanized	Steel (RG	S) Plastic Insula	ting Bust	ing		\$17
					Quantity		Unit Price		Factor	,	Total
				Installation	16.00	×	\$12.33	x	0.9000	=	\$177.55
		O			a used at each end of onnectors. Therefore,			ing from a	bresion. 1 pe	r connector, 16	
ateg 21		Security Rou	tgn .	EA	1-1/4" Rigid Galvan	ized Steel	(RGS) Plastic In	sulating E	Bushing		\$49
	20 00	00 100100			Quantity	/	Unit Price		Factor		Total
				Installation	40.00	x	\$13,88	· v	0.9000	×	\$499.68
	am.d.	Security Rou		Bushings are	used at each end of onnectors. Therefore,	conduit ru	ns to protect wiri		brasion, 1 pe	r connector, 40	
22		33 13 0159	0029		For Installation Abo	ve 14'. Add	1				\$3
~~	20 00	30 100135	0020		Quantity		Unit Price		Factor		Total
				Installation	20,00	w	\$1,96	U	0.9000	=	\$35.28
aton	ond:	Security Rou	ıak	il isialization	20.00	×	41,05	^			
23		33 13 0621		LF	3/4" Electrical Metal	llic Tubing	(EMT) Conduit				\$2,98
					Quantily		Unit Price		Factor		Total
					-				0,9000	-	\$2,983.68
			User Note:	reader, requ	740.00 sired for card access a est to exit, electric loc	k/strike, ar	nd door contact s	ns. 35' pe	r door for inte	rconnection of ca	ard
ateg	ory1:	Security Rou		Conduit requ	aired for card access a est to exit, electric loc coms. (35 x 20) + (4 x	and remote k/strike, ar : 10) = 700	e intercom station nd door contact s	ns. 35' pe	r door for inte	rconnection of ca	ard com, 4
ateg		Security Rou		Conduit requ	aired for card access a est to exit, electric loc	and remote k/strike, ar : 10) = 700	e intercom station nd door contact s + 40 = 740	ns. 35' pe	r door for inte 20 doors, 10'	rconnection of ca	ard com, 4 -\$15
			ıgh	Conduit requ	aired for card access a est to exit, electric loc coms. (35 x 20) + (4 x	and remote k/strike, ar : 10) = 700	e intercom station nd door contact s + 40 = 740 Unit Price	ns, 35' pe witches;	r door for inte 20 doors, 10' Factor	rconnection of ca per remote inter	erd com, 4 -\$15 Total
	26 05	33 13 0621	ogh 0023	Conduit requ	est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000,	and remote k/strike, ar : 10) = 700	e intercom station nd door contact s + 40 = 740	ns, 35' pe witches;	r door for inte 20 doors, 10'	rconnection of ca per remote inter	ard com, 4 -\$15
24	26 05 ory1:	33 13 0621 Security Rou	ogh 0023	Conduit requirender, requiremote intercenter intercent	est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000, Quantity 740.00	end remote k/strike, ar (10) = 700 Deduct	e intercom station nd door contact s + 40 = 740 Unit Price \$-0.24	ns, 35' pe witches;	r door for inte 20 doors, 10' Factor	rconnection of ca per remote inter	ard com, 4 -\$15 Total \$-159,84
24	26 05 ory1:	33 13 0621	ogh 0023	Conduit required remote intercent	est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000, Quantity 740.00	end remote k/strike, ar (10) = 700 Deduct	e intercom station nd door contact s + 40 = 740 Unit Price \$-0.24	ns, 35' pe witches;	r door for inte 20 doors, 10' Factor 0,9000	rconnection of ca per remote inter	ard com, 4 -\$15 Total \$-159,84
24 ateg	26 05 ory1:	33 13 0621 Security Rou	ogh 0023	Conduit requirements interest	est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000, Quantity 740.00	end remote k/strike, ar (10) = 700 Deduct	e intercom station and door contact s + 40 = 740 Unit Price \$-0,24 Unit Price	ns, 35° pe witches;	r door for inte 20 doors. 10' Factor 0.9000	rconnection of ca per remote internet	-\$15 Total \$-159.84
24 ateg	26 05 ory1:	33 13 0621 Security Rou	ogh 0023	Conduit requirements interest	est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000, Quantity 740.00 1" Electrical Metallic Quantity 160.00	and remote k/strike, ar (10) = 700 Deduct X Tubing (E	e intercom station and door contact s + 40 = 740 Unit Price \$-0,24 Unit Price \$5.35	ns. 35' pe witches; x	Factor 0.9000	rconnection of ca per remote interes	ard com, 4 -\$15 Total \$-159,84
24 ateg	26 05 ory1: 26 05	33 13 0621 Security Rou 33 13 0622	ongh 0023 Igh User Note:	Conduit requirements interest	est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000, Quantity 740.00	and remote k/strike, ar (10) = 700 Deduct X Tubing (E	e intercom station and door contact s + 40 = 740 Unit Price \$-0,24 Unit Price \$5.35	ns. 35' pe witches; x	Factor 0.9000	rconnection of ca per remote interes	-\$15 Total \$-159.84
24 atego 25	26 05 ory1: 26 05 ory1:	33 13 0621 Security Rou 33 13 0622 Security Rou	ongh 0023 Igh User Note:	Conduit requirements intercent intercents in	est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000, Quantity 740.00 1" Electrical Metallic Quantity 160.00	and remote k/strike, ar 10) = 700 Deduct X Tubing (E X n master st	unit Price \$-0.24 Unit Price \$-0.24 Unit Price \$-0.24 Unit Price \$5.35 attions. 20' per lo	x x cation, 8	Factor 0.9000	rconnection of ca per remote interes	-\$15 Total \$-159,84 \$77 Total \$770.40
24 ateg	26 05 ory1: 26 05 ory1:	33 13 0621 Security Rou 33 13 0622	ongh 0023 Igh User Note:	Conduit requirements interest	est to exit, electric locoms. (35 x 20) + (4 x 20) + (7	and remote k/strike, ar 10) = 700 Deduct X Tubing (E X n master st	e intercom station and door contact s + 40 = 740 Unit Price \$-0,24 EMT) Conduit Unit Price \$5.35 sations, 20' per lo	x x cation, 8	Factor 0.9000 Factor 0.9000 locations. 20	rconnection of ca per remote interes	ard com, 4 -\$15 Total \$-159.84 \$77 Total \$770.40
24 atego 25	26 05 ory1: 26 05 ory1:	33 13 0621 Security Rou 33 13 0622 Security Rou	ongh 0023 Igh User Note:	Conduit requirements interest	est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000, Quantity 740.00 1" Electrical Metallic Quantity 160.00 irred for door intercom	and remote k/strike, ar 10) = 700 Deduct X Tubling (E x master st	e intercom station and door contact s + 40 = 740 Unit Price \$-0.24 EMT) Conduit Unit Price \$5.35 tations. 20' per lo	x x cation, 8	Factor 0.9000 Factor 0.9000 Factor Factor	rconnection of caper remote interest	ard com, 4 -\$15 Total \$-159.84 \$77 Total \$770.40
24 atego 25	26 05 ory1: 26 05 ory1:	33 13 0621 Security Rou 33 13 0622 Security Rou	ogh O023 Igh User Note:	Conduit requirements interest	est to exit, electric locoms. (35 x 20) + (4	and remote k/strike, ar 10) = 700 Deduct x Tubing (E x n master st	e intercom station and door contact s + 40 = 740 Unit Price \$-0.24 EMT) Conduit Unit Price \$5.35 tations. 20' per lo Unit Price \$6.35	x x cation, 8	Factor 0.9000 Factor 0.9000 Factor 0.9000 Factor 0.9000	rconnection of caper remote interest	**************************************
24 atego 25	26 05 ory1: 26 05 ory1:	33 13 0621 Security Rou 33 13 0622 Security Rou	ogh O023 Igh User Note:	Conduit requirements interest	est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000, Quantity 740.00 1" Electrical Metallic Quantity 160.00 irred for door intercom	and remote k/strike, ar 10) = 700 Deduct x Tubing (E x n master st	e intercom station and door contact s + 40 = 740 Unit Price \$-0.24 EMT) Conduit Unit Price \$5.35 tations. 20' per lo Unit Price \$6.35	x x cation, 8	Factor 0.9000 Factor 0.9000 Factor 0.9000 Factor 0.9000	rconnection of caper remote interest	**************************************
24 ateg 25 ateg 26	26 05 ory1: 26 05 ory1: 26 05	33 13 0621 Security Rou 33 13 0622 Security Rou	oph Oo23 User Note: User Note:	Conduit requirements interest	ired for card access a est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000, Quantity 740.00 1" Electrical Metallic Quantity 160.00 lired for door intercom 1-1/4" Electrical Metallic Quantity 800.00 lired for access control	and remote k/strike, ar 10) = 700 Deduct x Tubing (E x n master st	e intercom station and door contact s + 40 = 740 Unit Price \$-0.24 EMT) Conduit Unit Price \$5.35 tations. 20' per lo Unit Price \$6.35	x x cation, 8	Factor 0.9000 Factor 0.9000 Factor 0.9000 Factor 0.9000	rconnection of caper remote interest	**************************************
24 category 25 category 26	26 05 ory1: 26 05 ory1: 26 05	33 13 0621 Security Rou 33 13 0622 Security Rou 33 13 0623	oph Oo23 User Note: User Note:	Conduit requirements interest	ired for card access a est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000, Quantity 740.00 1" Electrical Metallic Quantity 160.00 lired for door intercom 1-1/4" Electrical Metallic Quantity 800.00 lired for access control	and remote k/strike, ar 10) = 700 Deduct X Tubing (E X master st tallic Tubin X of junction	e intercom station and door contact s + 40 = 740 Unit Price \$-0.24 EMT) Conduit Unit Price \$5.35 tations. 20' per lo Unit Price \$6.35	x x cation, 8	Factor 0.9000 Factor 0.9000 Factor 0.9000 Factor 0.9000	rconnection of caper remote interest	**************************************
24 Catego 25 Catego 26 Catego 26	26 05 ory1: 26 05 ory1: 26 05	33 13 0621 Security Rou 33 13 0622 Security Rou 33 13 0623	ogh O023 Igh User Note; Igh User Note:	Conduit requirements interest	aired for card access a est to exit, electric loc coms. (35 x 20) + (4 x For >500 To 1,000, Quantity 740.00 1" Electrical Metallic Quantity 160.00 dired for door intercomplete for door intercomplete for access control 40 x 20 = 800	and remote k/strike, ar 10) = 700 Deduct X Tubing (E X master st tallic Tubin X of junction	e intercom station and door contact s + 40 = 740 Unit Price \$-0.24 EMT) Conduit Unit Price \$5.35 tations. 20' per lo Unit Price \$6.35	x x cation, 8	Factor 0.9000 Factor 0.9000 Factor 0.9000 Factor 0.9000	rconnection of caper remote interest	**************************************
24 Catego 25 Catego 26 Catego 26	26 05 ory1: 26 05 ory1: 26 05	33 13 0621 Security Rou 33 13 0622 Security Rou 33 13 0623	ogh O023 Igh User Note; Igh User Note:	Conduit requirements interest	For >500 To 1,000, Quantity 1-1/4" Electrical Metallic Quantity 800.00 Ilred for access confrod 40 x 20 = 800 Per >500 To 1,000,	and remote k/strike, ar 10) = 700 Deduct X Tubing (E X master st tallic Tubin X of junction	e intercom station and door contact s + 40 = 740 Unit Price \$-0.24 EMT) Conduit Unit Price \$5.35 tations. 20' per lo Unit Price \$6.35 box up to ceiling.	x x cation, 8	Factor 0.9000 Factor 0.9000 Factor 0.9000 access control	rconnection of caper remote internet in	**************************************

045249.02

Job Order Title:

Part	بناعجبيب	CS! Nu	mber	Mod,	MOU	Description						Line To
	26 - E	Electric	al									
Installation 20.00 \$14.65 \$0.900 \$263.70	28	26 05	33 13 0634		EA	1-1/4" Electrical Me	tallic Tub	ing (EMT) 90 Deg	ree Elbov	٧		\$263
						Quantity		Unit Price				
Security Rough Security Rough Security Rough Security Rough Security Rough Security Rough Security Security Rough Security Security Rough Security												•
Second S	aton	orv1:	Security Ro						nsition fro	m vertical to h	norizontal rur	ı, 20 access
Security						For Installation Abo	ve 14', A	dd				\$31
Security						Quantity	·	Unit Price		Factor		Total
Security					Installation	20.00	x	\$1,73	x	0.9000	=	\$31.14
Security	ated	orv1:	Security Ro	ugh								
Installation 74.00 x \$4.97 x 0.9000 = \$331.00 User Note: Used to couple conduit every 10°. 740° equivalent conduit length. Therefore, 74 couplings.					EA	3/4" Electrical Meta	llic Tubin	g (EMT) Set Screv	v Couplin	g		\$331
						Quantity		Unit Price		Factor		Total
Security Rough Security Rough Security Rough Security Securit					Installation	74,00	x	\$4.97	×	0,9000	==	\$331.00
Security Rough Secu				Liser Note:	Used to cou	ple conduit every 10'.	740' equ	ivalent conduit len	gth. Ther	efore, 74 coup	olings.	
Security	ateg	ory1:	Security Ro									
Installation 16.00 x \$5.98 x 0.5000 = \$66.11	31	26 05	33 13 0644		EA	1" Electrical Metallic	: Tubing	(EMT) Set Screw	Coupling			\$86
User Note: Use						Quantity		Unit Price		Factor		Total
Security Rough Security Rough Security Rough Security Rough Security Rough Security Rough Security Security Rough Security					Installation	16.00	х	\$5.98	×	0.9000	=	\$86.11
Security Rough Security				Hear Note:		ple conduit every 10'.	160' equ	ivalent conduit len	gth. Ther	efore, 16 coup	olings.	
Second S	ated	orv1:	Security Ro									
			··········		EA	1-1/4" Electrical Me	tallic Tut	oing (EMT) Set Scr	ew Coupl	ling		\$720
Installation 100.00 x \$8.00 x 0.9000 = \$720.00						Quantity	~	Unit Price		Factor		Total
User Note: User Note: User Note: User Note: User Note: EA 3/4" Electrical Metallic Tubing (EMT) Box Connector With Set Screw \$578.30			·		Installation	·	×	\$8.00	x	0.9000	=	\$720.00
Security Rough Secu				i lear Mata		•		ivalent conduit len	gth, plus	one for each	albow. 80 + 2	20 = 100.
Security	aton	on/1:	Security Ro			• • • • • • • • • • • • • • • • • • •	·	-				
Quantity Unit Price Factor Total Installation 128.00 x \$5.02 x 0.9000 = \$578.30					EA	3/4" Electrical Meta	llic Tubin	ıg (EMT) Box Coni	nector Wil	in Set Screw	-	\$578
Installation 128.00 x \$5.02 x 0.9000 = \$578.30	00	2.0 00	00 10 0000				-					Total
User Note: 1					Installation	· · · · · · · · ·	V		¥	0.9000	=	\$578.30
Security	_4	4.	Sagurity Da		1 connector box, 20 run	for each end of each from electric lock to ju	run of co	nduit, 20 run from ox, 4 runs to remol	de to jund e intercor	ction box, 20 r ms. (20 x 2) +	un from rex (20 x 2) + (2	to junction 0 x 2) + (4 x
Quantity Unit Price Factor Total	ateg				<u>-</u>	1" Electrical Metallic	r Tuhina	(FMT) Box Conne	ctor With	Set Screw		\$85
Installation 16.00 x \$5.97 x 0.9000 = \$85.97	34	26 05	33 13 0000				5 100mg					Total
User Note: 1 connector for each end of each run of conduit, 8 runs to intercom masters. (8 x 2) = 16 Security Rough					م مأنمال سند م	-			v		=	\$85.97
Security Rough Security												
35 26 05 33 13 0667 EA 1-1/4" Electrical Metallic Tubing (EMT) Box Connector With Set Screw \$3			_ '' ==		1 connector	tot each and or each	1011 01 00	ARODIC, O TONS IO II II	Dicom in	anteres (a sem)		
Quantity Unit Price Factor Total Installation $40.00 \times \$8.67 \times 0.9000 = \312.12 User Note: 1 connector for each end of each run of conduit. 20 runs to card readers. $(20 \times 2) = 40$						1-1//" Flactrical Me	tellic Tul	ning (FMT) Box Co	nnector V	With Set Screv	v	\$312
Installation $40.00 \times $8.67 \times 0.9000 = 312.12 User Note: 1 connector for each end of each run of conduit. 20 runs to card readers. $(20 \times 2) = 40$	35	26 05	33 T3 U06/								······································	Total
User Note: 1 connector for each end of each run of conduit. 20 runs to card readers. (20 \times 2) = 40						-					=	
					Inctallation	40 00	~	\$0.07	X	0.5000		• •
									-	re (20 v 2) =	40	

Job Order Title:

	CSI Number	Mod.		Description						Line Tota
26 -	Electrical									
36	26 05 33 16 0004		EA	2-1/8" Depth, 4" Squa	ire Steel Box				<u> </u>	\$2,119.0
				Quantity	l	Init Price		Factor		Total
			Installation	84.00	x	\$28.03		0.9000		\$2,119.07
	gory1: Security Ros		Boxes requirements	red for access control, o coms, 8 intercom maste	loor intercom, ers, 32 camer	, cameras. 2 as. 20 + 20	0 card rea + 4 + 8 + 3	aders, 20 requ 32 = 84	iest to exit (rex), 4	Į.
		:Au	EA	5/8" Depth, 1 Gang, 4	" Square Ste	el Mud Ring		·····		\$102.2
37	26 05 33 16 0009					Init Price		Factor		Total
				Quantity	-	\$9,47		0,9000	=	\$102.28
			Installation	12,00	X 4 compto inte	•				•
	4 December Dec	User Note:	Mud ring red	quired for door intercom	, 4 rempte int	ercoms, o m	(CICALI III	asicia. 7 · 0 ·	12	
	gory1: Security Rou 26 05 33 16 0015	. 	EA	5/8" Depth, 2 Gang, 4	" Square Ste	el Mud Rina				\$353.1
38	25 05 55 10 00 15			Quantity		Init Price		Factor		Total
			ltulledian	40,00		\$9,81	v	0.9000	=	\$353.16
			Installation	quired for access contro	X } 20 card rea					
	gory1: Security Rot		Minn uus ise	folied for access contro	i, zo cara roa	doi0, 24 104	200112			
		:Au	EA	2-1/8" Deep, 4" x 2" S	Steel Handy B	ox				\$851.7
39	26 05 33 16 0113			Quantity		Init Price		Factor		Total
				40.00	_	\$23.66		0,9000	=	\$851.76
		dinan kiména	Installation	red for access control. 2	X 20 door conte					
ator	gory1: Security Ro		DOXCO I DAM							
40			EA	6" x 6" x 4" Screw Co	ver, Galvaniz	ed Steel NE	MA 1 Enc	losure		\$1,073.
				Quantity	t	Init Price		Factor		Total
			Installation	20.00	×	\$59,65	x	0,9000	E .	\$1,073.70
		User Note:		xes required for access		onnection. 2	O daor loc	ations, theref	ore 20 boxes.	
afar	cond. Security Ro									
ateç	gory1: Security Ro									\$17 975 /
	gory1: Security Roototal for 26 - Electri	ıgh								\$17,975.4
ubt		ıgh								
ubt	total for 26 - Electri	ıgh	EA	1/4" Screw Size, #6 A	WG Compre					\$441.
ubt 27 -	total for 26 - Electri Communications	ıgh	EA	1/4" Screw Size, #6 A				Factor		\$441. Total
ubt	total for 26 - Electri Communications	ıgh	EA Installation			ssion Lug	X	Factor 0.9000		\$441.
ubt	total for 26 - Electri Communications	ugh cal:	Instellation	Quantity 30.00	x	ssion Lug Jnit Price \$16.34	×		-	\$441. Total
ubt 27 - 41	total for 26 - Electri Communications	ugh cal:	Instellation	Quantity	x	ssion Lug Jnit Price \$16.34	×			\$441. Total \$441.18
ubt 27 - 41	total for 26 - Electri Communications 27 05 26 00 0004 gory1: Volce/Data	ugh cal:	Instellation	Quantity 30.00 inating #6 ground wire	x to ground bar sivenized Finis	ssion Lug Jnit Price \$16.34	n Angle B	0.9000 racket Attach	ment,	\$441. Total
ubt 27 - 41	total for 26 - Electric Communications 27 05 26 00 0004 gory1: Volce/Data	ugh cal:	Installation Lug for term	Quantity 30.00	x to ground bar sivenized Finis	ssion Lug Jnit Price \$16.34	n Angle B	0.9000 racket Attach	ment,	\$441. Total \$441.18
ubt 27 - 41	total for 26 - Electri Communications 27 05 26 00 0004 gory1: Volce/Data	ugh cal:	Installation Lug for term	Quantity 30.00 sinating #6 ground wire 2" Hook Size, Pre-Ga Communications And BCH32-RB)	x to ground bar alvanized Finit I Low Voltage	ssion Lug Jnit Price \$16.34 sh, Screw O	n Angle B	0.9000 racket Attach (Cooper 8-lin	ment,	\$441. Total \$441.18
ubt 27 - 41	total for 26 - Electri Communications 27 05 26 00 0004 gory1: Volce/Data	ugh cal:	Instellation Lug for term EA	Quantity 30.00 sinating #6 ground wire 2" Hook Size, Pre-Ga Communications And BCH32-RB) Quantity	x to ground bar sivanized Finit Low Voltage	ssion Lug Jnit Price \$16.34 sh, Screw O	n Angle B < (J-Hook)	0.9000 racket Attach (Cooper 8-lin	ment,	\$441. Total \$441.18 \$2,650.
ubt 27 - 41	total for 26 - Electri Communications 27 05 26 00 0004 gory1: Volce/Data	ugh cal: User Note:	Instellation Lug for term EA	Quantity 30.00 sinating #6 ground wire 2" Hook Size, Pre-Ga Communications And BCH32-RB) Quantity 325.00	x to ground bar sivanized Finit Low Voltage t x	ssion Lug Jnit Price \$16.34 sh, Screw O Cable Hool Jnit Price \$9.06	n Angle B (J-Hook)	0.9000 racket Attach (Cooper B-lin	ment, ne	\$441. Total \$441.18 \$2,650.4
oubt	total for 26 - Electri Communications 27 05 26 00 0004 gory1: Volce/Data	ugh cal: User Note:	Instellation Lug for term EA installation J-Hooks will	Quantity 30.00 sinating #6 ground wire 2" Hook Size, Pre-Ga Communications And BCH32-RB) Quantity 325.00 I be used to support all	x to ground bar sivanized Finit Low Voltage t x of the horizon	ssion Lug Jnit Price \$16.34 sh, Screw O Cable Hool Jnit Price \$9.06	n Angle B (J-Hook)	0.9000 racket Attach (Cooper B-lin	ment, ne	\$441. Total \$441.18 \$2,650.4
41 Cates	total for 26 - Electri Communications 27 05 26 00 0004 gory1: Volce/Data	ugh cal: User Note:	Instellation Lug for term EA installation J-Hooks will	Quantity 30.00 sinating #6 ground wire 2" Hook Size, Pre-Ga Communications And BCH32-RB) Quantity 325.00	x to ground bar sivanized Finit Low Voltage t x of the horizon	ssion Lug Jnit Price \$16.34 sh, Screw O Cable Hool Jnit Price \$9.06	n Angle B (J-Hook)	0.9000 racket Attach (Cooper B-lin	ment, ne	\$441. Total \$441.18 \$2,650.

Job Order Title:

Rec#	CSI Number	Mod.	UOM	Description						Line Total
27 -	Communications									
43	27 05 29 00 0010	0161	a and a family of section of family and an experience of the section of the secti	Far >250 To 500, De	duct					-\$353.93
				Quantity		Unit Price		Factor		Total
			Installation	325.00	×	\$-1.21	×	0.9000	=	\$-353.93
Categ	jory1: Voice/Data							· · · · · · · · · · · · · · · · · · ·		
44	27 11 16 00 0095		EA	2U Height, 19" Width	1, 5.14"	Depth, Single-Side	d, Horiz	ontal Cable Ma	nager	\$870.16
				(Chatsworth 30130-7 Quantity	719)	Unit Price		Factor		Total
			Installation	14.00	×	\$69.06	x	0.9000	=	\$870.16
		Haar Mater		panel, therefore 14.	*	400.00	^			
Cated	gory1: Voice/Data	OSBI NOTE.	, bor baran i							
45	27 11 19 00 0003		EA	12 Port, Category 5E	Patch	Panel				\$157.11
40	21 11 19 00 0000			Quantity		Unit Price		Factor		Total
			Installation	1.00	×	\$174.57	x	0.9000	×	\$157.11
		Hear Note:		1 (9 cables, 3 spare)	^	•				
Cated	ory1: Voice/Data	0881 14040.		,						
46	27 11 19 00 0004		EA	24 Port, Category 5E	Patch	Panel				\$226.43
70	21 11 10 00 000			Quantity		Unit Price		Factor		Total
			installation	1,00	x	\$251,59	x	0.9000	m m	\$226.43
		User Note:		1 (13 cables, 11 spare)						
Categ	jory1; Voice/Data									
47	27 11 19 00 0006		EA	48 Port, Category 55	Patch	Panel		•		\$4,237.60
				Quantity		Unit Price		Factor		Total
			Installation	12.00	×	\$392,37	x	0.9000	=	\$4,237.60
		User Note:	9 at IDF#140	(431 cables, 1 spare)), 3 at II)F#211 (144 Cable	s)			
Categ	gory1: Voice/Data							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
48	27 11 19 00 0029		EA	4-Panel Capacity, R	ack Moi	unt, Fiber Optic Cal	ole Conr	nector Housing	~ ~ ~ ~	\$316.07
	•			Quantity		Unit Price		Factor		Total
			Installation	1.00	х	\$351.19	x	0.9000	to.	\$316.07
		User Note:	1 at IDF#14	1						
Categ	gory1: Voice/Data									04 F00 CC
49	27 11 19 00 0031		EA	12-Panel Capacity, I	Rack M	ount, Fiber Optic C	able Co	nnector Housin	g 	\$1,589.69
				Quantity		Unit Price		Factor		Total
			Installation	4.00	x	\$441.58	×	0,9000	=	\$1,589.69
		User Note:	1 at MDF, 2	at IDF#140, 1 at IDF#	211	•				•
Categ	gory1: Volce/Data									
50	27 11 19 00 0066		EA	6-Fiber, Multimode,	LC Dup	lex, Fiber Optic Ca	ble Con	nector Panel		\$1,777.54
				Quantity		Unit Price		Factor		Total
			Installation	32.00	x	\$61.72	x	0.9000	= .	\$1,777.54
		User Note:	6 at MDF, 1	6 at IDF#140, 2 at IDF	#141, 8	at IDF#211				
	gory1: Voice/Data									

Job Order Title:

	CSI Number	Mod.	UOM	Description						Line Tot
27 - (Communications					was and a second delection	Sagar Salahan Salah			
51	27 11 19 00 0066		EA	6-Fiber, Singlemode	e, LC Dup	lex, Fiber Optic C	able Co	nnector Panel		\$973.
				Quantity		Unit Price		Factor		Total
			Installation	16.00	x	\$67.60	x	0.9000	×	\$973.44
		User Note:	2 at MDF, 8	al IDF#140, 2 at IDF#	141, 4 al	IDF#211				
ateg	ory1: Voice/Data		-1							\$238.
52	27 11 23 00 0002	1	EA	110 Jumper Trough	(Comms					
				Quantity		Unit Price		Factor		Total \$238.99
			Installation	11.00	×	\$24,14	X,	0.9000	#	φ230.98
ateg	ory1; Voice/Data									614 098
53	27 14 13 13 0002	!	EA	Modular Plug For N 8-position/8-contact	on-Shield non-shie	led Copper Comn (ded modular plu)	unication for soli	ons CableUp to d or stranded w	îre.	\$11,936.
				Includes termination						Total
				Quantity		Unit Price		Factor		\$11,936.63
			Installation	701.00 e/data oullet at 1 per	×	\$18.92		0.9000		
atec	ory1: Voice/Data	- Security		ocations, and 140 3-po 420 + 64 + 40 = 701	ort furnitu	re locations; 32 ca	imera lo	cations; 20 dod	Comfoners	3,371704
54	27 14 13 13 0002			For >10, Deduct						-\$3,186.
0.7	2, 14 10 10 000	, , , , , , , , , , , , , , , , , , , ,		· · · · · · · · · · · · · · · · · · ·						T-44
				Quantity		Unit Price		Factor		Total
			Installation	Quantity 701.00	×	Unit Price \$-5.05	x ·	Factor 0.9000	=	\$-3,186.05
ateg	ory1: Voice/Data	- Security	Installation	-	×		x		=	\$-3,186.05
ateg	ory1: Voice/Data	·	Installation EA	-		\$-5.05	×			
		·		701.00		\$-5.05	x			\$-3,186.05 \$230. Total
		·		701.00 100-Pair, 110 Block		\$-5.05 gs	x	0.9000		\$-3,186.05 \$230.
55		·	EΑ	701.00 100-Pair, 110 Block Quantity	With Le	\$-5.05 gs Unit Price		0.9000 Factor		\$-3,186.05 \$230. Total \$230.90
55	27 14 13 13 0005		EΑ	701.00 100-Pair, 110 Block Quantity	x With Le	\$-5.05 ps Unit Price \$36.65		0.9000 Factor		\$-3,186.05 \$230. Total \$230.90
55 ateg	27 14 13 13 0005		EA Installation	701.00 100-Pair, 110 Block Quantity 7.00	x With Le	\$-5.05 ps Unit Price \$36.65		0.9000 Factor 0.9000	=	\$-3,186.05 \$230. Total \$230.90 \$207.
55 ateg	27 14 13 13 0005		EA Installation	701.00 100-Pair, 110 Block Quantity 7.00 300-Pair, 110 Block	x With Le	\$-5.05 gs Unit Price \$36.65	X	0.9000 Factor 0.9000	=	\$-3,186.05 \$230. Total \$230.90
55 ateg 56	27 14 13 13 0005		EA Installation	701.00 100-Pair, 110 Block Quantily 7.00 300-Pair, 110 Block Quantity 4.00	x X With Leg	\$-5.05 Unit Price \$36.65 Unit Price \$57.71	X	0.9000 Factor 0.9000	=	\$-3,186.05 \$230. Total \$230.90 \$207. Total \$207.76
55 ateg 56	27 14 13 13 0006 ory1: Voice/Data 27 14 13 13 0006		EA Installation	701.00 100-Pair, 110 Block Quantity 7.00 300-Pair, 110 Block Quantity	x X With Leg	\$-5.05 Unit Price \$36.65 Unit Price \$57.71	X	0.9000 Factor 0.9000 Factor 0.9000	=	\$-3,186.05 \$230. Total \$230.90 \$207. Total \$207.76
ateg 56	27 14 13 13 0008 ory1: Voice/Data 27 14 13 13 0008		EA Installation	701.00 100-Pair, 110 Block Quantily 7.00 300-Pair, 110 Block Quantity 4.00	x X With Leg	\$-5.05 Unit Price \$36.65 Unit Price \$57.71 ck Unit Price	×	0.9000 Factor 0.9000 Factor 0.9000	=	\$-3,186.05 \$230. Total \$230.90 \$207. Total \$207.76
55 ateg 56	27 14 13 13 0008 ory1: Voice/Data 27 14 13 13 0008	3	EA Installation EA Installation EA Installation	701.00 100-Pair, 110 Block Quantity 7.00 300-Pair, 110 Block Quantity 4.00 4-Pair, 110C Conne	x With Leg X With Leg X acting Bio	\$-5.05 Unit Price \$36.65 Unit Price \$57.71 ck Unit Price \$4.87	×	0.9000 Factor 0.9000 Factor 0.9000	=	\$-3,186.05 \$230. Total \$230.90 \$207. Total \$207.76 \$1,095. Total \$1,095.75
ateg 56	27 14 13 13 0008 ory1: Voice/Data 27 14 13 13 0008	3	EA Installation EA Installation EA Installation For punchin	701.00 100-Pair, 110 Block Quantity 7.00 300-Pair, 110 Block Quantity 4.00 4-Pair, 110C Conne	x With Leg X With Leg X acting Bio X	\$-5.05 Unit Price \$36.65 Unit Price \$57.71 ck Unit Price \$4.87	×	0.9000 Factor 0.9000 Factor 0.9000	=	\$-3,186.05 \$230. Total \$230.90 \$207. Total \$207.76 \$1,095. Total \$1,095.75
55 ateg 56 ateg	27 14 13 13 0008 ory1: Voice/Data 27 14 13 13 0008	3	EA Installation EA Installation EA Installation For punchin	701.00 100-Pair, 110 Block Quantity 7.00 300-Pair, 110 Block Quantity 4.00 4-Pair, 110C Conne Quantity 250.00 g down cable to 110 block	x With Leg X With Leg X acting Bio X	\$-5.05 Unit Price \$36.65 Unit Price \$57.71 ck Unit Price \$4.87	×	0.9000 Factor 0.9000 Factor 0.9000	=	\$-3,186.05 \$230. Total \$230.90 \$207. Total \$207.76 \$1,095. Total \$1,095.75 air block, 75
55 sateg 56 sateg 57	27 14 13 13 0008 ory1: Voice/Data 27 14 13 13 0008 ory1: Voice/Data 27 14 13 13 0008	User Note:	EA Installation EA Installation EA Installation For punchin	701.00 100-Pair, 110 Block Quantity 7.00 300-Pair, 110 Block Quantity 4.00 4-Pair, 110C Conne Quantity 250.00 g down cable to 110 block	x With Leg x x With Leg x acting Bio x block, 1 1 250	\$-5.05 Unit Price \$36.65 Unit Price \$57.71 ck Unit Price \$4.87 00-pair blocks, 25	×	0.9000 Factor 0.9000 Factor 0.9000 Factor 0.9000 er block = 25 clip	=	\$-3,186.05 \$230. Total \$230.90 \$207. Total \$207.76 \$1,095. Total \$1,095.75 air block, 75
steg 56 ateg 57 ateg	27 14 13 13 0008 ory1: Voice/Data 27 14 13 13 0006 ory1: Voice/Data 27 14 13 13 0008	User Note:	EA Installation EA Installation EA Installation For punchin clips per blo	701.00 100-Pair, 110 Block Quantity 7.00 300-Pair, 110 Block Quantity 4.00 4-Pair, 110C Conne Quantity 250.00 g down cable to 110 block = 225; 25 + 225 =	x With Leg x x With Leg x acting Bio x block, 1 1 250	\$-5.05 Unit Price \$36.65 Unit Price \$57.71 Ck Unit Price \$4.87 00-pair blocks, 25 Ck Unit Price	x x clips pe	0.9000 Factor 0.9000 Factor 0.9000 Factor 0.9000 ar block = 25 cll	= = = = = = = = = = = = = = = = = = = =	\$-3,186.05 \$230. Total \$230.90 \$207. Total \$207.76 \$1,095. Total \$1,095.75 air block, 75
steg 56 ateg 57 ateg	27 14 13 13 0008 ory1: Voice/Data 27 14 13 13 0006 ory1: Voice/Data 27 14 13 13 0008	User Note:	EA Installation EA Installation FA Installation For punchin clips per block EA Installation	701.00 100-Pair, 110 Block Quantity 7.00 300-Pair, 110 Block Quantity 4.00 4-Pair, 110C Conne Quantity 250.00 g down cable to 110 block = 225; 25 + 225 = 5-Pair, 110C Conne Quantity 180.00	x With Leg x With Leg x acting Bio x plock, 1 1 250 acting Bio	\$-5.05 Unit Price \$36.65 Unit Price \$57.71 ck Unit Price \$4.87 00-pair blocks, 25 ck Unit Price \$4.87	x x x clips pe	0.9000 Factor 0.9000 Factor 0.9000 ractor 0.9000 Factor 0.9000	= = = = os, 3 300-pa	\$-3,186.05 \$230. Total \$230.90 \$207. Total \$207.76 \$1,095. Total \$1,095.75 air block, 75 \$805 Total \$805.14
55 55 56 56 56 57 57	27 14 13 13 0008 ory1: Voice/Data 27 14 13 13 0006 ory1: Voice/Data 27 14 13 13 0008	User Note:	EA Installation EA Installation FOR punching per block EA Installation FOR punching per block EA Installation FOR punching per block EA	701.00 100-Pair, 110 Block Quantity 7.00 300-Pair, 110 Block Quantity 4.00 4-Pair, 110C Connect Quantity 250.00 ag down cable to 110 block = 225; 25 + 225 = 5-Pair, 110C Connect Quantity Quantity	x With Leg x x With Leg x acting Bio x block, 1 1 250 acting Bio x block, 6 1	\$-5.05 Unit Price \$36.65 Unit Price \$57.71 ck Unit Price \$4.87 00-pair blocks, 25 ck Unit Price \$4.87	x x x clips pe	0.9000 Factor 0.9000 Factor 0.9000 ractor 0.9000 Factor 0.9000	= = = = os, 3 300-pa	\$-3,186.05 \$230. Total \$230.90 \$207. Total \$207.76 \$1,095. Total \$1,095.75 air block, 75 \$805 Total \$805.14

Job Order Title:

Rec#	CSI Number	Mod,	UQM	Description				Line Total
27 - (Communications					general Mark Title		
59	27 14 13 16 0063		MLF	25-Pair 24 AWG, Catego Installed in Conduit	ory 3, Indoor Telecom	nunicatio	ns Plenum Cable,	\$2,038.01
				Quantity	Unit Price		Factor	Total
			installation	1.20 x	\$1,887.05	x	0.9000 =	\$2,038.01
Catan	orv1: Voice/Data	User Note:		icated on drawings from N equired, therefore 1,200'.	tDF to IDF#140, Meas	ured app	roximately 600' length from	drawings,
60	ory1: Voice/Data 27 14 13 16 0065		MLF	100-Pair 24 AWG, Cates	gory 3, Indoor Telecom	municat	ons Plenum Cable,	\$7,452.71
				Installed In Conduit	Unit Price		Factor	Total
			# _###################################	Quantity	\$6,022.39		0.9000 =	\$7,452.71
			Installation	1.38 x		X X	roximately 600' length from	
Categ	prv1: Voice/Data		Cable as ind drawings. Ca	icated on drawings from it	OF#140 to IDF#211. M ngs from IDF#140 to ID	easured	approximately 275' length fi Measured approximately 50	rom
61	27 14 13 16 0093		MLF	4-Pair Solid UTP, 24 AV Cable, Installed In Cond		or Teleco	mmunications Plenum	\$48,278.32
				Quantity	Unit Price		Factor	Total
			Installation	57.86 ×	\$927.19	×	0,9000 =	\$48,278.32
		User Note:	Cable for se	curity and voice/data locat	ions, Locations with 3	cables h	ave 2 for data and 1 for voic roice/data. Measured lengt	o from
			cable will be drawings.	installed in conduit in the	slab. 0.855 for security	, 57 for	oice/data. Measured lengu	\$122,485.98
Categ 62	ory1: Voice/Data -		cable will be	curity and voice/data locat installed in conduit in the 4-Pair Solid UTP, 24 AV Cable, Installed Exposer	slab. 0.855 for security VG, Category 5E, Indo	, 57 for	oice/data. Measured lengu	\$122,485.98
			cable will be drawings.	installed in conduit in the 4-Pair Solid UTP, 24 AV	slab. 0.855 for security VG, Category 5E, Indo	, 57 for	oice/data. Measured lengu	\$122,485.98 Total
		Security	cable will be drawings. MLF Installation	4-Pair Solid UTP, 24 AV Cable, Installed Exposer Quantity 89.70 x	slab. 0,855 for security WG, Category 5E, Indoo Unit Price \$1,517.23	or Teleco	mmunications Plenum Factor 0.9000 =	\$122,485.98 Total \$122,485.98
62	27 14 13 16 0096	Security User Note:	MLF Installation	4-Pair Solid UTP, 24 AV Cable, Installed Exposer Quantity 89.70 x	slab. 0.855 for security WG, Category 5E, Indoord Unit Price \$1,517.23 ions. Locations with 3	or Teleco	vaice/data. Measured lengt	\$122,485.98 Total \$122,485.98 se. This
62	27 14 13 16 0096	Security User Note:	MLF Installation Cable for se cable will be	4-Pair Solid UTP, 24 AV Cable, Installed Exposed Quantify 89.70 x curity and voice/data locat ran exposed along the ce	slab. 0.855 for security VG, Category 5E, Indoor Unit Price \$1,517.23 lons. Locations with 3 liling. 7.7 for security, 8	x cables h	parmunications Plenum Factor 0.9000 = ave 2 for data and 1 for voice/data, Measured length fr	\$122,485.98 Total \$122,485.98 se. This
62	27 14 13 16 0096	Security User Note:	MLF Installation Cable for se cable will be drawings.	4-Pair Solid UTP, 24 AV Cable, Installed Exposed Quantity 89.70 x curity and voice/data locat	slab. 0.855 for security VG, Category 5E, Indoor Unit Price \$1,517.23 lons. Locations with 3 liling. 7.7 for security, 8	x cables h	parmunications Plenum Factor 0.9000 = ave 2 for data and 1 for voice/data, Measured length fr	\$122,485.98 Total \$122,485.98 se. This om \$172.68
62	27 14 13 16 0096	Security User Note:	MLF Installation Cable for se cable will be drawings.	4-Pair Solid UTP, 24 AV Cable, Installed Exposed Quantify 89.70 x curity and voice/data locat ran exposed along the ce 4-Pair Solid UTP, 23 AV Cable, Installed in Cond	slab. 0.855 for security VG, Category 5E, Indoor Unit Price \$1,517.23 ions. Locations with 3 illing. 7.7 for security, 8 VG, Category 6, Indoor Unit Price	x cables h	mmunications Plenum Factor 0.9000 = ave 2 for data and 1 for voice/data, Measured length fr	\$122,485.98 Total \$122,485.98 se. This om
62 Categ	27 14 13 16 0096	Security User Note: Security	MLF Installation Cable for se cable will be drawings. MLF Installation	4-Pair Solid UTP, 24 AV Cable, Installed Exposed Quantity 89.70 x curity and voice/data locat ran exposed along the ce 4-Pair Solid UTP, 23 AV Cable, Installed In Cond Quantity 0.16 x	slab. 0.855 for security WG, Category 5E, Indoor Unit Price \$1,517.23 ions. Locations with 3 illing. 7.7 for security, 8 WG, Category 6, Indoor uit Unit Price \$1,198.98	x cables h	parmunications Plenum Factor 0.9000 = ave 2 for data and 1 for voice/data, Measured length from the part of the p	\$122,485.98 Total \$122,485.98 se. This om \$172.66
Categ	27 14 13 16 0096 ory1: Voice/Data- 27 14 13 16 0108	Security User Note: Security	MLF Installation Cable for se cable will be drawings. MLF Installation	4-Pair Solid UTP, 24 AV Cable, Installed Exposed Quantity 89.70 x curity and voice/data locat ran exposed along the ce 4-Pair Solid UTP, 23 AV Cable, Installed In Cond Quantity 0.16 x	slab. 0.855 for security WG, Category 5E, Indoor Unit Price \$1,517.23 ions. Locations with 3 illing. 7.7 for security, 8 WG, Category 6, Indoor uit Unit Price \$1,198.98	x cables h	parmunications Plenum Factor 0.9000 = ave 2 for data and 1 for voice/data, Measured length fr	\$122,485.98 Total \$122,485.98 se. This om \$172.66
Categ	27 14 13 16 0096	Security User Note: Security	MLF Installation Cable for se cable will be drawings. MLF Installation	4-Pair Solid UTP, 24 AV Cable, Installed Exposed Quantity 89.70 x curity and voice/data locat ran exposed along the ce 4-Pair Solid UTP, 23 AV Cable, Installed In Cond Quantity 0.16 x mera locations. This cable	slab. 0.855 for security VG, Category 5E, Indoor Unit Price \$1,517.23 ions. Locations with 3 iling. 7.7 for security, 8 VG, Category 6, Indoor uit Unit Price \$1,198.98 will be installed in cor VG, Category 6, Indoor	x cables h	parmunications Plenum Factor 0.9000 = ave 2 for data and 1 for voice/data, Measured length from unications Plenum Factor 0.9000 = asured length from drawing	\$122,485.98 Total \$122,485.98 se. This om \$172.66
Categ	27 14 13 16 0096 ory1: Voice/Data- 27 14 13 16 0108	Security User Note: Security	MLF Installation Cable for se cable will be drawings. MLF Installation Cable for cable drawings.	4-Pair Solid UTP, 24 AV Cable, Installed Exposed Quantity 89.70 x curity and voice/data locat ran exposed along the ce 4-Pair Solid UTP, 23 AV Cable, Installed In Cond Quantity 0.16 x mera locations. This cable	slab. 0.855 for security VG, Category 5E, Indoor Unit Price \$1,517.23 ions. Locations with 3 iling. 7.7 for security, 8 VG, Category 6, Indoor uit Unit Price \$1,198.98 will be installed in cor VG, Category 6, Indoor	x cables h	parmunications Plenum Factor 0.9000 = ave 2 for data and 1 for voice/data, Measured length from unications Plenum Factor 0.9000 = asured length from drawing	\$122,485.98 Total \$122,485.98 se. This om \$172.65 Total \$172.65 s. \$2,254.1
Categ	27 14 13 16 0096 ory1: Voice/Data- 27 14 13 16 0108	Security User Note: Security	MLF Installation Cable for se cable will be drawings. MLF Installation Cable for cable drawings.	4-Pair Solid UTP, 24 AV Cable, Installed Exposer Quantify 89.70 x curity and voice/data locat ran exposed along the ce 4-Pair Solid UTP, 23 AV Cable, Installed in Cond Quantity 0.16 x mera locations. This cable 4-Pair Solid UTP, 23 AV Cable, Installed Exposer Quantity	slab. 0.855 for security VG, Category 5E, Indoor Unit Price \$1,517.23 ions. Locations with 3 illing. 7.7 for security, 8 VG, Category 6, Indoor uit Unit Price \$1,198.98 will be installed in cor VG, Category 6, Indoor utty Unit Price	x cables h 12 for voi	mmunications Plenum Factor 0.9000 = ave 2 for data and 1 for voice/data, Measured length from munications Plenum Factor 0.9000 = assured length from drawing	\$122,485.98 Total \$122,485.98 se. This om \$172.69 Total \$172.65 s.
Categ	27 14 13 16 0096 ory1: Voice/Data- 27 14 13 16 0108	Security User Note: Security	cable will be drawings. MLF Installation Cable for se cable will be drawings. MLF Installation Cable for ca	4-Pair Solid UTP, 24 AV Cable, Installed Exposed Quantity 89.70 x curity and voice/data locat ran exposed along the ce 4-Pair Solid UTP, 23 AV Cable, Installed In Cond Quantity 0.16 x mera locations. This cable 4-Pair Solid UTP, 23 AV Cable, Installed Exposed Quantity 1.40 x	slab. 0.855 for security VG, Category 5E, Indoor Unit Price \$1,517.23 ions. Locations with 3 illing. 7.7 for security, 8 VG, Category 6, Indoor uit Unit Price \$1,198.98 will be installed in cor VG, Category 6, Indoor util Unit Price \$1,789.02	x cables h 12 for voi	mmunications Plenum Factor 0.9000 = ave 2 for data and 1 for voice/data, Measured length from munications Plenum Factor 0.9000 = assured length from drawing	\$122,485.98 Total \$122,485.98 se. This om \$172.66 Total \$172.65 s. \$2,254.1

Job Order Title:

Rec#	CSI Nun	nber	Mod.	UOM	Description					Line Tota
27 - (Commu	nications								
65	27 14	13 16 0388		MLF	2 Pair #18 AWG, So	lid, Low \	/oltage, Placed I	n Condu	it, Non-Shielded	\$7,620.2
					Quantity	•	Unit Price		Factor	Total
				Installation	5.77	x	\$1,467.41		0.9000 =	\$7,620.26
			User Note:	Cable for do	or hardware from the	door loca	tion back to the h	ead end	l equipment. Measured length	from
		16		drawings.						
Categ	ory1: S									-\$846.5
66	27 14	13 16 0388	0559		For Installation On E	xposed :				Total
					Quantity		Unit Price		Factor	\$-846.57
		_		Installation	5,20	×	\$-180.89	×	0.9000 =	φ-0-10.07
Categ	ory1: S	Security								#0.00E
67	27 14	13 16 0 392		MLF	6 Pair #18 AWG, So	lid, Low \	/oltage, Placed II	n Condu		\$8,835.3
					Quantity		Unit Price		Factor	Total
				Installation	4.21	x	\$2,331.85		0.9000 =	\$8,835.38
			User Note:		or hardware from the o	toor loca	tion back to the h	ead end	l equipment. Measured length	from
				drawings.						
		Security			Cartastallation On E		Surface Deduct			-\$748.6
68	27 14	13 16 0392	0559		For Installation On E	xposeo a			Engled	Total
			•		Quantity		Unit Price		Factor 0.9000 ==	\$-748,82
	_			Installation	3.79	X	\$ -2 19.53	х	0.0000	V 1 1211-
Categ	ory1; S	iecurity							to the sufficient	\$3,460.3
69	27 14	13 16 0413		MLF	2 Pair #22 AWG, So	lid, Low \		n Conal		
•					Quantity		Unit Price		Factor	Total \$3,450.31
				Installation	4.08	X	\$940.78	×	0.9000 =	
			User Note:		or hardware from the	door loca	lion back to the h	ead end	equipment. Measured length	trom.
^~t~~		Security		drawings.						
		13 16 0413	0011		For Installation On E	ynosed !	Surface Deduct			-\$488.6
70	21 14	13 10 04 13	QUII			puoou v	Unit Price	·	Factor	Total
	÷ .			Installation	Quantity 3,67		\$-147.94		0.9000 =	\$-488.65
				Installation	10.0	x	y-141.04	×	3.5544	·
	ory1: S				4 Pair #22 AWG, So	اسمامت	Inlinen Blood I	Condi	it Non-Shielded	\$740.4
71	27 14	13 16 0415		MLF		IIO, LOW		- Conde		Total
					Quantity		Unit Price		Factor 0.9000 =	\$740,45
				Installation	0.70	×	\$1,175.32	X	••••	
			User Note:		oor hardware from the	ioor loca	tion back to the h	esa en	f equipment. Measured length	HOIH
Catan	omiti S	Security		drawings.						
				MLF	40 Cibor Cinglemen	o Dietrib	ution Plenum Ra	ted Tin	nt Buffer, Indoor Fiber Optic	\$1,008.6
72	27 14	23 16 0092		MILL	Cable, Installed in C		GROIL LIGHTEL LEG	(00, 18	R Best With the second	
					Quantity		Unit Price		Factor	Total
				Installation	1.10	x	\$1,018.84		0,9000 =	\$1,008.65
			User Note:	Cable as inc	dicated on drawings fro	m MDF t	o IDF#140. Meas	sured ap	proximately 600' length from	drawings.
				Cable as inc	ficated on drawings fro	m IDF#1	40 to IDF#141. N	leasure	d approximately 500' length fro	om
				drawings, 6	00 + 500 = 1,100		٠			
Catan	iorv1: V	/oice/Data								

045249.02

Job Order Title:

MILF 24-Fiber, Singlemode, Distribution Plenum Rates, Tight Buffer, Indoor S716,28	Rec#	CSI Number	Mod.	UOM	Description	Line Tota
Mile	27 - C	communications				
Category1: Volce/Data Vol	73	27 14 23 16 0094		MLF		\$715.2
Category1: Volce/Data						Total
Category1: Voice/Data Voi					Quality The same of the same o	
Category1: Voice/Data Voi					0.25 x 42,000.01 x	***
			User Note:		icated on drawings from IDF#140 to IDF#211, Measured approximately 275 length from	
March 12 Fiber 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor 7 Claid 7 Cl	Catego	ory1: Voice/Data		orawings.		
Category 1: Volce Data Vo	74	27 14 23 16 0106		MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor	\$728.6
Installation O.50 x \$1.619.23 x 0.9000 = \$728.65 Category1: Volce/Data V					Fiber Optic Cable, Installed in Conduit	Tatal
					quality Sill, 1105	
Category 1: Voice/Data Vo					0.50 X	\$728.05
Note Park			User Note:	Cable as in	icated on drawings from IDF#140 to IDF#141. Measured approximately 500' length from	
Mile				drawings.		
Set Fiber Optic Cable, Installed in Conduit Category 1: Volce/Data Volce/	Catego	ory1: Voice/Data				00.544.5
Category1: Volce/Data	75	27 14 23 16 0109		MLF		\$3,514.0
					Factor	Total
Category1: Volce/Data User Note: Cable as indicated on drawings from MDF to IDF#140. Measured approximately 600' length from drawings.					Quality 0 10000 H	
Martin					0.00 X 45145111- X	, ,
MLF			User Note:	Cable as in	licated on drawings from MDF to IDF#140. Measured approximately 600 length from unav	viriga.
Marriagn	Catego	ory1: Voice/Data				44.050.0
	76	27 14 23 16 0110		MLF		\$1,802.0
Installation 0.28 x \$7,280.86 x 0.9000 = \$1,802.01						Total
User Note: Use					Quantity	
Category1: Voice/Data FA					0,20 X 0,200,00 X	ψ1,002.01
Factor Total Station Faceplate With Station With			User Note:	Cable as in	licated on drawings from IDF#140 to IDF#211. Measured approximately 275' length from	
EA				drawings.		•
Page	Categ	ory1: Voice/Data				\$17.7
Instellation 3.00 x \$6,57 x 0.9000 = \$17.74	77	27 14 43 00 0002		EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID	
User Note: Wall plate for voice/data outlet. 3 1-port time clock locations. Wall plate for voice/data outlet. 3 1-port time clock locations.					Quantity Unit Price Factor	
Category1: Voice/Data - Security EA Two Port, Single Geng, Plastic Communication Faceplate With Station ID Quantity Unit Price Factor Total Installation 2.00 x \$6.57 x 0.9000 = \$11.83				Installation	3.00 x \$6.57 x 0.9000 =	\$17.74
Category1: Voice/Data - Security EA Two Port, Single Geng, Plastic Communication Faceplate With Station ID Quantity Unit Price Factor Total Installation 2.00 x \$6.57 x 0.9000 = \$11.83			User Note:	Wall plate f	or voice/data outlet. 3 1-port time clock locations.	
EA Two Port, Single Geng, Plastic Communication Faceplate With Station ID Quantity Unit Price Factor Total Installation 2.00 x \$6.57 x 0.9000 = \$11.83	Cataci	onut: Voice/Data -		•		
Quantity				EΔ	Two Port, Single Geng, Plastic Communication Faceplate With Station ID	\$11.8
Installation 2.00 x \$6.57 x 0.9000 = \$11.83	78	27 14 43 00 00003		- LA	T-aka	Total
Installation 2.00 x \$6.57 x \$6.57 x			·		00.57 0.9000 =	\$11.83
Category1: Voice/Data 79 27 14 43 00 0005 EA Four Port, Single Gang, Plastic Communication Faceplate With Station ID \$ Quantity Unit Price Factor Total Installation 45.00 x \$6.57 x 0,9000 = \$266.09					2.50 X	• • • • • • • • • • • • • • • • • • • •
79 27 14 43 00 0005 EA Four Port, Single Gang, Plastic Communication Faceplate With Station ID \$ Quantity Unit Price Factor Total Installation 45.00 x \$6.57 x 0.9000 = \$266.09			User Note:	Wall plate f	or voice/data outlet. 2 2-port locations.	
79 27 14 43 00 0005 EA Four Port, Single Gang, Flastic Communication Account Value (1997) Quantity Unit Price Factor Total Installation 45,00 x \$6.57 x 0.9000 = \$286.09	Categ	ory1: Voice/Data				#066 f
Installation 45.00 x \$6.57 x 0.9000 = \$266.09	79	27 14 43 00 0005		EΑ	Four Port, Single Gang, Plastic Communication Faceplate With Station ID	\$266.0
installation 45,00 x 50.07 x					Quantity Unit Price Factor	
***************************************				Installation	45,00 x \$6.57 x 0,9000 =	\$266.09
Applitude Anna Lance of the Anna Control of th			lieer blotes			
Category1: Voice/Data	A	wide ValaciData	ASEL MAIR!	. , p		

045249.02

Job Order Title:

Rec#	CSI Number	Mod.	UOM	Description					Line Total
27 - (Communications								*
80	27 14 43 00 0037		EA	Cat 5E, Snap-in Mod	tular Jack				\$12,868.34
				Quantity	Unit P	rice	Factor		Total
			Installation	597.00	•	23.95 _X	0.9000		612,868.34
atan:	ory1: Voice/Data -		1-port WAP	ce/data outlet. There is locations, 2 2-port loca 5 + 420 = 597	1 per cable, 3 1-po tilons, 45 3-port wa	rt time clock Il locations, a	locations, 1 1-poi and 140 3-port fur	t wall phone localion niture locations. 3 +	1, 34 1 +
81	27 14 43 00 0046		EA	Blank Fill In, Snap-In	Modular Jack				\$794.2
01	2/ 14 43 00 0040			Quantity	Unit P	rice	Factor		Total
			Installation	185.00		\$4.77 x	0,9000	=	\$794.20
				all plates and surface π	^				s in
		User Note:	A-port surface	te box. 140 + 45 = 185		port location	id iti ii port pieser	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
`nton	ory1: Voice/Data		4-putt suria	DE DOX. 140 : 40 : 100					
	27 14 43 00 0059		EA .	One Port, Surface M	ount Plastic Comm	unication Bo	x With Station ID		\$736.5
82	21 [# 43 00 0035			Quantity	Unit P		Factor		Total
			Installation	34.00		24.07 x	0.9000	<u></u>	\$736.54
			Installation	for voice/data outlet.	,·				
	4 Matani Data	User Note:	Sunace box	(to) vuicerdata outlet.	por + # # 1000	.01.01			
	ory1: Voice/Data		- A	Four Port, Surface N	fount Plastic Comm	unication Br	v With Station ID		\$3,550.6
83	27 14 43 00 0061		EA				Factor		Total
				Quantity	Unit P		0.9000	=	\$3,550.68
			Installation	140,00		28.18 x	0.8000		
		User Note:	Surface box	for voice/data outlet. 1	40 3-port furniture	ocations.			
ateg	ory1: Voice/Data							344-19	\$20.6
84	27 14 43 00 0068		EΑ	Single Gang, Keysto	ne Opening, Flush,	Stainless S	teel Faceplate Fo	rvvan	4200
				Mounted Telephone Quantity	sRequires one snap Unit P		Factor		Total
			1	1,00		22.98 x	0.9000	æ	\$20.68
			Installation	or voice/data outlet. 1 1	Α		2,000		
	4 194 4	User Note:	vvali plate to	or voice/data cullet. Th	-horr wan briotie io	autors,			
Categ	ory1: Voice/Data							C- D-t-b	\$4,326.9
85	27 16 19 00 0017		EA	LC To LC Connecto	rs, 1 Meter Length,	Singlemode	, Биріех гірег Ор	nic raten	V 1,2
				Cable Quantity	Unit F	rice	Factor		Total
			Installation	96.00	,	50.08 x	0.9000	=	\$4,326.91
				connectors required for	•				!
		User Note:	Amount of c	8, 1 24-fiber = 48, 48 +	48 = 96	namodo nov	, 0,000		
^atec	gory1: Voice/Data		(Z*/IDC) - T	0, 1 11 7 11 0 11 11 11 11 11					
			EA	LC To LC Connecto	re 1 Meter Length	Multimode.	Duplex Fiber Opti	c Patch	\$7,540.9
86	27 16 19 00 0027		EA	Cable	is, i meter congui,	Manuscol			
				Quantity	Unit F	rice	Factor		Total
			Installation	192.00	×	43.64 x	0.9000	=	\$7,540.99
		Hear Motor		connectors required for		limode fiber	optic cable. Two	required per fiber, 1	
		O961 1101G.	, 61104111 011	4, 1 36-fiber = 72, 1 48	Shor = 96 24 + 72	+ 96 = 192			
			12-fiber = 2	41, 30= DBt (&, ι 40	MINGI - 40' \$4 . 15	. 00 - 10m			

045249.02

Job Order Title:

	Number	Mod.	UQM	Description					Line Total
27 - Comi	munications								
<i>87</i> 27 1	16 19 00 0038		EA	3' Category 6 Patch	n Cables V	Vith Boots			\$1,917.00
			•	Quantity		Unit Price		Factor	Total
·			Installation	150.00	×	\$14.20	х	0.9000 =	\$1,917.00
ategory1:	Volce/Data	User Note:	For interconr 3', 25% as 5	nection of category o ', and 50% as 7'; 599	ables at the locations	e patch panels; 4 = 150 @ 3', 150	one per v @ 5', 29	roice/data location; assum 7 @ 7'.	ed 25% as
	16 19 00 0041		EA	5' Category 6 Patch	n Cables V	Vith Boots			\$2,045.2
				Quantily		Unit Price		Factor	Total
			Installation	150.00	x	\$15.15	x	0.9000 =	\$2,045.25
	Voice/Date	User Note:	For interconr 3', 25% as 5'	nection of category of, and 50% as 7°; 599	ables at the locations	e palch panels; (= 150 @ 3', 150	one per v @ 5', 29	olce/data location; assum 7 @ 7'.	ed 25% as
ategory 1:	Voice/Data		EA	7' Category 6 Patch	Cables V	/ith Boots			\$4,300,86
JU 21 1	, , , , , , , , , , , , , , , , , , ,			Quantity		Unit Price		Factor	Total
			Installation	297.00	x	\$16.09	v	0,9000 =	\$4,300.86
		Hand Makes						oice/data location; assum	ed 25% as
:ategory1:	Voice/Data	User Note:	3', 25% as 5'	, and 50% as 7'; 599	locations	= 150 @ 3', 150	@ 5', 29	7 @ 7'.	
							TW42-7		\$271,624.4
	or 27 - Commi								
28 - Elect	ronic Safety A	and Securi	tv.						
									\$0.208.9 2
90 28 1	13 33 16 0097		EA	Output Access Con	nge, 5-16 V strois (HID	/olt DC, HID Prox ThinLine II)Far s	dmity Ca ingle gar	rd Reader, Wiegand ig electrical box mounting.	\$6,895.08
90 28 1	13 33 16 0097			Output Access Con (HID P/N 5395).	nge, 5-16 V etrols (HID	Volt DC, HID Prox ThinLine II)For si Unit Price	dmity Ca ingle gar	rd Reader, Wiegand ng electrical box mounting. Factor	\$6,895.08 Total
90 28 1	13 33 16 0097		EA	Output Access Con (HID P/N 5395). Quantity	trois (HID	ThinLine II)For s Unit Price	ingle gar	g electrical box mounting.	
			EA Installation	Output Access Con (HID P/N 5395).	itrols (HID	ThinLine II)For s Unit Price \$383.06	ingle gar	Factor 0,9000 =	Total
			EA Installation	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access contr	x rol system.	ThinLine II)For si Unit Price \$383.06 20 locations on	x drawings	g electrical box mounting. Factor 0.9000 =	Total \$6,895.08
Category1:			EA Installation	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access contr	x rol system.	ThinLine II)For si Unit Price \$383.06 20 locations on	x drawings	g electrical box mounting. Factor 0.9000 =	Total \$6,895.08
Category1:	Security		EA installation Card readers	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access contr	x rol system.	ThinLine II)For si Unit Price \$383.06 20 locations on	x drawings	g electrical box mounting. Factor 0.9000 =	Total \$6,895.08 \$1,250.60
Category1:	Security		EA installation Card readers	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access contr 6 Volt DC, 12 Volt I (Altronix SMP-5)	x rol system.	ThinLine II)For si Unit Price \$383.06 20 locations on over the control of the con	x drawings	Factor 0.9000 = s. er Supply/Charger	Total \$6,895.08 \$1,250.60
Category1: 91 28 1	Security 13 33 16 0160		EA Installation Card readors EA	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access contr 6 Volt DC, 12 Volt I (Altronix SMP-5) Quantity	x rol system.	ThinLine II)For si Unit Price \$383.06 20 locations on Volt DC, @ 4 Am Unit Price	x drawings	Factor 0.9000 = or Supply/Charger Factor	Total \$6,895.08 \$1,250.60
Category1: 91 28 1 Category1:	Security 13 33 16 0160		EA Installation Card readors EA	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access contr 6 Volt DC, 12 Volt I (Altronix SMP-5) Quantity	x rol system.	ThinLine II)For si Unit Price \$383.06 20 locations on Volt DC, @ 4 Am Unit Price \$347.39	x drawings	Factor 0.9000 = or Supply/Charger Factor 0.9000 =	Total \$6,895.08 \$1,250.60 Total \$1,250.60
Category1: 91 28 1 Category1:	Security 13 33 16 0160 Security		EA Installation Card readers EA Installation	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access contr 6 Volt DC, 12 Volt I (Altronix SMP-5) Quantity 4.00	x rol system.	ThinLine II)For si Unit Price \$383.06 20 locations on Volt DC, @ 4 Am Unit Price \$347.39	x drawings	Factor 0.9000 = or Supply/Charger Factor 0.9000 =	Total \$6,895.08 \$1,250.60 Total \$1,250.60
Category1: 91 28 1 Category1:	Security 13 33 16 0160 Security		EA Installation Card readers EA Installation	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access conta 6 Volt DC, 12 Volt I (Altronix SMP-5) Quantity 4.00 Recessed Contact	x rol system. DC, Or 24 Y	ThinLine II)For si Unit Price \$383.06 20 locations on Volt DC, @ 4 Am Unit Price \$347.39	x drawings nps, Pow x	Factor 0.9000 = 0. Factor 0.9000 = 0. er Supply/Charger Factor 0.9000 =	Total \$6,895.08 \$1,250.60 Total \$1,250.60
ategory1: 91 28 1 Category1:	Security 13 33 16 0160 Security	User Note:	EA Installation Card readors EA Installation EA Installation	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access conta 6 Volt DC, 12 Volt I (Altronix SMP-5) Quantity 4.00 Recessed Contact Quantity 20.00	x rol system. DC, Or 24 ' x For Steel E	Unit Price \$383.06 20 locations on Volt DC, @ 4 Am Unit Price \$347.39 Doors, Door Mon Unit Price \$61.69	x drawings ps, Pow x itor Switc	Factor 0.9000 = or Supply/Charger Factor 0.9000 = ch (Sentrol 1078C) Factor 0.9000 =	Total \$6,895.08 \$1,250.60 Total \$1,250.60 \$1,110.42
Category1: 91 28 1 Category1: 92 28 1	Security 13 33 16 0160 Security 13 33 16 0165	User Note:	EA Installation Card readors EA Installation EA Installation	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access conta 6 Volt DC, 12 Volt I (Altronix SMP-5) Quantity 4.00 Recessed Contact Quantity	x rol system. DC, Or 24 ' x For Steel E	Unit Price \$383.06 20 locations on Volt DC, @ 4 Am Unit Price \$347.39 Doors, Door Mon Unit Price \$61.69	x drawings ps, Pow x itor Switc	Factor 0.9000 = or Supply/Charger Factor 0.9000 = ch (Sentrol 1078C) Factor 0.9000 =	Total \$6,895.08 \$1,250.60 Total \$1,250.60 \$1,110.42
Category1: 91 28 1 Category1: 92 28 1 Category1:	Security 13 33 16 0160 Security	User Note:	EA Installation Card readors EA Installation EA Installation	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access conta 6 Volt DC, 12 Volt I (Altronix SMP-5) Quantity 4.00 Recessed Contact Quantity 20.00	x rol system. DC, Or 24 Y For Steel E	ThinLine II)For si Unit Price \$383.06 20 locations on of the side	x drawings nps, Pow x itor Switc x drawing	Factor 0.9000 = or Supply/Charger Factor 0.9000 = ch (Sentrol 1078C) Factor 0.9000 = s.	Total \$6,895.08 \$1,250.60 Total \$1,250.60 \$1,110.42 Total \$1,110.42
Category1: 91 28 1 Category1: 92 28 1 Category1:	Security 13 33 16 0160 Security 13 33 16 0165	User Note:	EA Installation Card readors EA Installation EA Installation Door contact	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access conta 6 Volt DC, 12 Volt I (Altronix SMP-5) Quantity 4.00 Recessed Contact Quantity 20.00 as for the access contact solution of the access contact is for the access contact Quantity	x rol system. DC, Or 24 Y For Steel E	ThinLine II)For si Unit Price \$383.06 20 locations on of the side	x drawings nps, Pow x itor Switc x drawing	Factor 0.9000 = or Supply/Charger Factor 0.9000 = ch (Sentrol 1078C) Factor 0.9000 = s.	Total \$6,895.08 \$1,250.60 Total \$1,250.60 \$1,110.42 Total \$1,110.42
Category1: 91 28 1 Category1: 92 28 1 Category1:	Security 13 33 16 0160 Security 13 33 16 0165	User Note:	EA Installation Card readors EA Installation EA Installation Door contact	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access conta 6 Volt DC, 12 Volt ((Altronix SMP-5) Quantity 4.00 Recessed Contact Quantity 20.00 as for the access contact Access Control Sys	x rol system. DC, Or 24 Y For Steel E	ThinLine II)For si Unit Price \$383.06 20 locations on Volt DC, @ 4 Am Unit Price \$347.39 Doors, Door Mon Unit Price \$61.69 , 20 locations on	x drawings x titor Swite x drawing	Factor 0.9000 = or Supply/Charger Factor 0.9000 = ch (Sentrol 1078C) Factor 0.9000 = s.	\$6,895.08 \$1,250.60 Total \$1,250.60 \$1,110.42 Total \$1,110.42
Category1: 91 28 1 Category1: 92 28 1 Category1: 93 28 1	Security 13 33 16 0160 Security 13 33 16 0165	User Note:	EA Installation Card readers EA Installation EA Installation Door contact	Output Access Con (HID P/N 5395). Quantity 20.00 a for the access conta 6 Volt DC, 12 Volt I (Altronix SMP-5) Quantity 4.00 Recessed Contact Quantity 20.00 as for the access contact Quantity 20.00 Access Control Sys	x rol system. DC, Or 24 X For Steel E x trol system	ThinLine II)For si Unit Price \$383.06 20 locations on Volt DC, @ 4 Am Unit Price \$347.39 Doors, Door Mon Unit Price \$61.69 , 20 locations on er Supply (Altron Unit Price	x drawings x titor Swite x drawing	Factor 0.9000 = or Supply/Charger Factor 0.9000 = ch (Sentrol 1078C) Factor 0.9000 = s.	Total \$6,895.08 \$1,250.60 Total \$1,250.60 \$1,110.42 Total \$1,110.42

045249.02

Job Order Title:

Rec#	CSI Number	Mod.	UOM	Description						Line Tota
28 - 1	Electronic Safety	And Secur	ity		n talkinda salama		ilga karajan sa sa karaja karaj		pieta Received	
94	28 13 33 16 0178		EA	Super-Two - Two Re CICP1300)For use v capacity, 8 EOL sup on-board LAN adapt compressed data mo	vith CA30 ervised a er, 57,60 ode, Com	000 V2.0.25 and a larm inputs, tamp 0 baud rate, 6 ac plete in a lockabl	above. U ner, 5 rela cess gro	p to a 125,000 ay outputs. Sur ups per card-h	port for older and	\$20,161.80
				standby for memory Quantity	and syst	Unit Price		Factor		Total
			Installation	20.00	×	\$1,120.10	×	0.9000	tt	\$20,161.80
atom	ory1: Security	User Note:	locks/strikes	ler for the access cont , and request to exit do ntrol one access point.	evices. A	l relays change s	itale on s	ers, door conta successful card	cts, electric read, therefo	ore only
95	28 13 33 16 0180	<u> </u>	EA	Network Interface Be	nard For	Super-2 (Contine	ntal instr	uments		\$4,001.4
90	28 13 33 10 0 100		tur't	CICP1300NETBD)C	ptional o	n-board adapter a	allows for	communication	n over	
			•	Quantity		Unit Price		Factor		Total
			Installation	20.00	×	\$222.30	x	0.9000	=	\$4,001.40
ateg	ory 1: Security					<u> </u>			· · · · · · · · · · · · · · · · · · ·	\$18,459.1
96	28 13 33 16 0208		EA	CA 3000 Bundled St CA3B250P4O3V0R6 Access 3000 file ser security key.	0)System	includes PC, mo	nitor, ke	yboard, mouse	, OS, Card	
				Quantity		Unit Price		Factor		Total \$18,459.18
			Installation	1.00	x	\$20,510.20	×	0,9000	=	\$10,459.10
ateg	ory1: Security			Master Station, Desi	chile D	anda Intercomm	unication	Fauloment		\$518.3
97	28 13 33 16 0213	l	EA .		K SIVIE KI	Unit Price	unication	Factor		Total
			Installation	Quantity 2,00	×	\$287.96	×	0.9000	=	\$518.33
ateg	ory1: Security									MA 000 P
98	28 13 33 16 0223		EA	Master Door Station	s, Button	Buzzer Type, 25	Stalion			\$2,923.8
				Quantity	_	Unit Price		Factor		Total
			installation	2.00	x	\$1,624.37	х	0,9000	프	\$2,923.87
ateg	ory1: Security									\$202.6
99	28 13 33 16 023		EA	Transformer						Total
				Quantity		Unit Price		Factor		\$202.64
			Installation	2.00	×	\$112.58	X	0.9000	_	QLOM,O,
ateg	ory1: Security								······································	\$300.6
100	28 13 33 16 023	2	EA	Door Opener				Fratas		Total
				Quantity		Unit Price		Factor 0,9000	=	\$300.62
			Installation	2,00	X	\$167.01	х	0.9000	-	***************************************
	ory1: Security				m -1					\$245,0
101	28 13 33 16 023	5	EA	Speaker With Door	Kelease	11.5		F1		Total
				Quantity		Unit Price		Factor 0,9000	=	\$245.05
			Installation	2,00	x	\$136,14	X	0,8000		
	jory1; Security		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							

045249.02

Job Order Title:

Cicero Records - Build Out For Elections Supplemental 2

Rec#	CSIN	umber	Mod.	UOM	Description					Lîne Tota
28 - I	Electro	onic Safety /	and Securi	ty	1114 10100					
102		00 00 0596		EA	1-3 mm, Manual tris C10CH-6V1)	, Varifoc	al, High Resolutio	n Color,	Camerapak (Pelco	\$8,400.8
					Quantity		Unit Price		Factor	Total
				Installation	23.00	х	\$405.84	×	0,9000 =	\$8,400.89
			User Note:	Amount of fi	xed cameras that are	shown a	n the security plan	8.		
ated	ory1:	Security								
103		00 00 0725		EA	16X, Pendant Moun	t, Color,	Spectra® IV, Pan	Till Can	nera Dome System (Pelco	\$3,861.9
					Quantity		Unit Price		Factor	Total
				Installation	2.00	x	\$2,145.52	x	0.9000 =	\$3,861.94
			User Note:	Amount of 1	80 cameras that are s	hawn or	the security plans	i.,		
Cated	ory1:	Security			-					
104		00 00 0790	-	EA	22X, In-Ceiling Mou System (Pelco SD4			letwork,	Pan/Till Camera Dome	\$20,081.5
					Quantity		Unit Price		Factor	Total
				Installation	7.00	×	\$3,187.55	×	0.9000 =	\$20,081.57
		•	User Note:	Amount of 3	60 cameras that are s	hown or	the security plans	i.		
ateg	ory1:	Security								
105	28 23	00 00 1282		EA	64 Device Or 100M	BPS, Ne	twork Video Reco	der (Pel	ico NVR364)	\$6,999.3
					Quantity		Unit Price		Factor	Total
				Installation	1,00	×	\$7,777.04	x	0,9000 =	\$6,999.34
Catec	ory1:	Security								
106		3 00 00 1288		EA	100 User, License F	ack (Pe	lco VMX300-LIC-1	00)		\$3,249.3
.00	20 20	, 00 40			Quantity		Unit Price		Factor	Total
				Installation	1.00	×	\$3,610.42	×	0,9000 =	\$3,249.38
ateg	ory1:	Security		organismort	.,	^				
2,,64	ofal fo	r 28 - Electro	onic Safehi	And Secu	rity:		'			\$100,099.7
JUDE	7K41 10	1 20 - 615011	Jino Oalety	7110 0000	1.		· · · · · · · · · · · · · · · · · · ·			\$496,651.4
rope	osal T	otal								*******

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal:

0.00%

Work Order Number:

045249.02

Contractor: Cook County - Sharlen Electric

Work Order Title:

Cicero Records - Build Out For Elections Supplemental 2

Date:

September 12, 2017

Subcontractor and M/W/SBE Estimate

Following is the proposed list of minority owned, woman owned and non-minority subcontractors and material suppliers proposed for the above Work Order. This estimate is submitted with our final Work Order Proposal in the amount of \$496,651.40.

Contractor	Duties	Trade	M/W/SBE Status	Total \$	M/W/SBE\$	% of Project
Advent Systems, Inc.	Provide Security Equipment and Programming.	S	N	\$111,816,00	\$0.00	0.00%
Chicago Voice and Data Authority	Provide and Install Voice/Data Equipment and Cabling.	s	М	\$175,000.00	\$175,000.00	35.24%
Evergreen Supply Company	Provide and deliver electrical supplies.	М	W	\$6,000.00	\$6,000.00	1.21%
RADA Architects LTD	Additional design services.	s	w	\$82,585.00	\$82,585.00	16.63%
Trades - S: Subcontractor; M: Material S	Supplier		<u> </u>	\$375,401.00	\$263,585.00	53.07%

Trades - S: Subcontractor; M: Material Supplier

M/WBE's - M: Minority; W: Women; N: Non M/WBE

Total MBE Subcontractor Participation Scheduled Total MBE Supplier Participation Scheduled	\$175,000.00 \$0.00	35.24% 0.00%	\$175,000.00 35.24%	MBE Total
Total WBE Subcontractor Participation Scheduled Total WBE Supplier Participation Scheduled	\$82,585.00 \$6,000.00	16.63% 1.21%	\$88,585.00 17.84%	WBE Total
Total SBE Subcontractor Participation Scheduled Total SBE Supplier Participation Scheduled	\$0.00 \$0.00	0.00% 0.00%	\$0.00 0.00%	SBE Total

Total M/W/SBE Participation Scheduled

\$263,585.00

53.07%

(Contractor) Project Manager



Cook County Office of Planning & Policy 69 W Washington Chicago, IL 60602

Date: September 12, 2017

Sub-Order Total:

\$496,651.40

Disclosure of Retained Parties

A. Definitions and Disclosure Requirements

- 1. As used herein, the term "Contractor" means a person or entity who has any contract lease with the County of Cook,
- Pursant to Executive Order 97-1, every city contract and fease must be accompanied by a disclosure statement Providing certain information and attorneys, lobbylists, accountants, consultants, subcontractors, and other persons
- 3 The Contractor is not required to disclose employees who are paid solely through the Contractor's regular payroll.
- 4. "Lobbyist" means any person (a) who for compensation or on behalf of any person other than himself undertakes to influence any legislative or administration action, or (b) any part or whose duties as an employee of another includes undertaking to influence any legislative or administrative action.

B. Certification

Contractor hereby certifies as follows:

- 1. This Disclosure relates to the following transaction:
- Project name: 045249.02 Cicero Records Build Out For Elections Supplemental 2
- Name of Contractor: Cook County Sharlen Electric Company

EACH AND EVERY attorney, lobbylst, accountant, consultant, subcontractor, or other person retained or anlicipated to be retained by the Contractor with respect to or in connection with the contract or lease is listed below

Name	BUSINESS ADDRESS	MBE WBE or Non	RelationShip (attorney,lobbyist, subcontractor,etc.)	FEE(Indicate whether paid \$ or estimated)
Chicago Voice and Data Authority	2444 W 16th Street, Unit 4F Chicago, IL, 60608	МВЕ	Subcontractor	\$175,000.00 Est.
Advent Systems, Inc.	435 West Fullerton Ave Eimhurst, IL, 60126	NON	Supplier	\$111,816.00 Est.
RADA Architects LTD	233 N Michigan AveSte 1900 Chicago, IL, 50601	WBE	Subcontractor	\$82,585.00 Est.
Evergreen Supply Company	8402 West 183rd Street Tinley Park, IL, 60487	WBE	Supplier	\$6,000.00 Est.

CHECK HERE IF NO SUCH PERSONS HAVE BEEN RETAINED OR ARE ANTICIPATED TO BE RETAINED.

- 4. The Contractor Understands and agrees that the city may rely on the information provided herein and that providing any false incomplete or inaccurance information shall constitute default under the contract and may result in termination of the contract or lease
- The Contractor understands and agrees that in any case in which the Contractor is uncertain whether a disclosure is required under the Executive order, the Contractor
 must either ask the city whether disclosure is required or make the disclosure.

Subscribed and sworn to before me

this 13 to day of Sept 20 17

MELISSA D. WINSTON
OFFICIAL SEAL
Notary Public, Start of filmers
My Commission Expires
February 07, 2018

Notary Public Signature

MBE/WBE UTILIZATION PLAN - FORM 1

BIDDER/PROPOSER HEREBY STATES that all MBE/WBE firms included in this Plan are certified MBEs/WBEs by at least one of the entitles listed in the General Conditions - Section 19.

l.	BIDDER/	PROPOSER MBE/WBE STATUS: (check the appropriate line)
		Bidder/Proposer is a certified MBE or WBE firm. (If so, attach copy of current Letter of Certification)
		Bidder/Proposer is a Joint Venture and one or more Joint Venture partners are certified MBEs or WBEs. (If so, attach copies of Letter(s) of Certification, a copy of Joint Venture Agreement clearly describing the role of the MBE/WBE firm(s) and its ownership interest in the Joint Venture and a completed Joint Venture Affidavit – available online at www.cookcountyil.gov/contractcompliance)
	\checkmark	Bidder/Proposer is not a certified MBE or WBE firm, nor a Joint Venture with MBE/WBE partners, but will utilize MBE and WBE firms either directly or indirectly in the performance of the Contract. (If so, complete Sections II below and the Letter(s) of Intent – Form 2).
l.	√	Direct Participation of MBE/WBE Firms Indirect Participation of MBE/WBE Firms
achieve achieve	Direct P Direct P ation be c	als have not been achieved through direct participation, Bidder/Proposer shall include documentation outlining efforts to articipation at the time of Bid/Proposal submission. Indirect Participation will only be considered after all efforts to articipation have been exhausted. Only after written documentation of Good Faith Efforts is received will indirect considered.
	MBEs/W	BEs that will perform as subcontractors/suppliers/consultants include the following: MBE/WBE Firm: Chicago Voice and Data Authority
		MBE/WBE Firm: Chicago Voice and Data Addronty
•		Address: 2444 W 16th Street, Unit 4F, Chicago, Illinois 60608
		E-mail: msanchez@cvada.com
		Contact Person: Megan Sanchez Phone: (312) 273-4970
•		Dollar Amount Participation: \$ 175,000.00 Est.
		Percent Amount of Participation: 35.24% %
		*Letter of Intent attached? Yes No *Current Letter of Certification attached? Yes No
		MBE/WBE Firm:
		Address:
		E-mail:
		Contact Person: Phone:
		Dollar Amount Participation: \$
		Percent Amount of Participation:%
		*Letter of Intent attached? Yes No *Current Letter of Certification attached? Yes No
		Attach additional sheets as needed.
		* Letter(s) of Intent and current Letters of Certification <u>must</u> be submitted at the time of bid.

Revised: 01/29/2014

MBE/WBE UTILIZATION PLAN - FORM 1

BIDDER/PROPOSER HEREBY STATES that all MBE/WBE firms included in this Plan are certified MBEs/WBEs by at least one of the entities listed in the General Conditions – Section 19.

001,411,41		
l.	BIDDER/	PROPOSER MBE/WBE STATUS: (check the appropriate line)
		Bidder/Proposer is a certified MBE or WBE firm. (If so, attach copy of current Letter of Certification)
		Bidder/Proposer is a Joint Venture and one or more Joint Venture partners are certified MBEs or WBEs. (If so, attach copies of Letter(s) of Certification, a copy of Joint Venture Agreement clearly describing the role of the MBE/WBE firm(s) and its ownership interest in the Joint Venture and a completed Joint Venture Affidavit – available online at www.cookcountyil.gov/contractcompliance)
	\checkmark	Bidder/Proposer is not a certified MBE or WBE firm, nor a Joint Venture with MBE/WBE partners, but will utilize MBE and WBE firms either directly or indirectly in the performance of the Contract. (If so, complete Sections II below and the Letter(s) of Intent – Form 2).
II.	\checkmark	Direct Participation of MBE/WBE Firms Indirect Participation of MBE/WBE Firms
achieve achieve	Direct P	als have not been achieved through direct participation, Bidder/Proposer shall include documentation outlining efforts to articipation at the time of Bid/Proposal submission. Indirect Participation will only be considered after all efforts to articipation have been exhausted. Only after written documentation of Good Faith Efforts is received will Indirect onsidered.
	MBEs/W	BEs that will perform as subcontractors/suppliers/consultants include the following:
		MBE/WBE Firm: Evergreen Supply Company
		Address: 8402 West 183rd Street, Tinley Park, IL 60487
		E-mail: tjohnsen@evergreensupply.com
		Contact Person: Tiffany Johnsen Phone: (773) 375-4750
		Dollar Amount Participation: \$6,000.00 Est.
		Percent Amount of Participalion: 1.21%
		*Letter of Intent attached? Yes No *Current Letter of Certification attached? Yes No
		MBEAWBE Firm: RADA Architects
		Address: 233 N Michigan Ave, STE 1900, Chicago, Illinois 60601
		E-mail: wesitton@rada-arch.com
		Contact Person: William Sitton AIA Phone: (312) 856-1970
		Dollar Amount Participation: \$82,585.00
		Percent Amount of Participation: 16.63 %
		*Letter of Intent attached? Yes No *Current Letter of Certification attached? Yes No
		Altach additional sheets as needed.

Revised: 01/29/2014

^{*} Letter(s) of Intent and current Letters of Certification must be submitted at the time of bid.

MBEAMBE LETTER OF INTENT - FORM 2

M/WBE Firm: Evergreen Supply Company	Certifying Agency: City of Chicago
Contact Person: Colleen Kramer	Certification Expiration Date: 02/01/2018
Address: 312 N. May Street, Unit 104	Ethalallus Caucasian
City/State: Chicago, IL Zip: 60607	Contract #1555-14475-EC8 Bid/Proposal/Contract #: Dob Order: 045249.02
Phone: (773) 375-4750 Fax: (773) 375-4765	FEIN#: 36-3444463
Email: ckramer@evergreensupply.com	
Participation: V Direct Indirect	
Will the M/WBE firm be subcontracting any of the goods or ser	vices of this contract to another firm?
No Yes - Please attach explanation. Proposed Su	ubcontractor(s):
The undersigned M/WBE is prepared to provide the following of more space is needed to fully describe M/WBE Firm's proposed scope	Commodities/Services for the above named Project/ Contract: (If e of work and/or payment schedule, attach additional sheets)
•	ro Records - Build Out for Elections Supplemental 2"
project.	
A H. A. D. M. A A D A see and the Tennes of D.	and factor sharp described Commodition Services
Indicate the <u>Dollar Amount</u> , <u>Percentage</u> , and the <u>Terms of P</u> \$6,000 Est - 1.21% - Net 60	ayment to the above-described Commodities/ Services.
work, conditioned upon (1) the Bidder/Proposer's receipt of Subcontractor remaining compliant with all relevant credential County, and the State to participate as a MBE/WBE firm for the	tent will become a binding Subcontract Agreement for the above a signed contract from the County of Cook; (2) Undersigned Is, codes, ordinances and statutes required by Contractor, Cook he above work. The Undersigned Parties do also certify that they ler Description of Service/ Supply and Fee/Cost were completed.
Signature (M/WBE)	Signalu(e (Prime Bidder/Proposer)
Colleen Kramer	Williăm J Cullen III
Print Name	Print Name
Evergreen Supply Company	Sharlen Electric Company
Firm Name	Firm Name
09/12/2017 Date	09/12/2017 Date
Subscribed and sworn before me	Subscribed and sworn before me
this 13 day of September, 2017.	this BEday of Seat. 20 17
31-1 H M	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Notary Public Ling Well Moura	Notary Public
OFFICIAL SEAL SEAL ELIZABETH MORUA NOTARY PUBLIC, STATE OF ILLINOIS My Commission Expires May 18, 2020	MELISSA O. WINSTON OFFICIAL SEAL Notary Public, State of Bloors My Commission Expires February 07, 2018
M/WBE Letter of Intent - Form 2	Revised: 1/29/14



DEPARTMENT OF PROCUREMENT SERVICES CITY OF CHICAGO

MAR 1 0 2014

Ms. Colleen Kramer Evergreen Supply Co. 9901 S. Torrence Ave. Chicago, IL 60617

Dear Ms. Kramer:

We are pleased to inform you that Evergreen Supply Co., has been recertified as a Women Business Enterprise ("WBE") by the City of Chicago ("City"). This WBE certification is valid until 2/1/2018; however your firm's certification must be revalidated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. As a consequence, we require you to be even more diligent in filing your annual No-Change Affidavit 60 days before your annual anniversary date.

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification during the five year period stated above, you must file an annual No-Change Affidavit. Your firm's annual No-Change Affidavit is due by 2/1/2015, 2/1/2016 and 2/1/2017. Please remember, you have an affirmative duty to file your No-Change Affidavit 60 days prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm's five year certification will expire on 2/1/2018. You have an affirmative duty to file for recertification 60 days prior to the date of the five year anniversary date. Therefore, you must file for recertification by 12/1/2017.

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification within 10 days of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as a WBE if you fall to:

J.W

File your annual No-Change Affidavit within the required time period;

 Provide financial or other records requested pursuant to an audit within the required time period;

Notify the City of any changes affecting your firm's certification within 10 days of such

change; or

File your recertification within the required time period.

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the City's Inspector General at chicagoinspectorgeneral.org, or 866-IG-TIPLINE (866-448-4754).

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining a contract with the City by falsely representing the individual or entity, or the individual or entity assisted is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months, or a fine of not less than \$5,000 and not more than \$10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

NAICS Code(s):

423610 - Construction Materials, Electrical Merchant Wholesalers

423610 - Fixtures, Electric Lighting, Merchant Wholesalers

423610 - Insulated Wire or Cable Merchant Wholesalers

423690 - Condensers, Electronic, Merchant Wholesalers

423690 – Electronic Parts (e.g., condensers, connectors, switches) Merchant Wholesalers

Your firm's participation on City contracts will be credited only toward Women Business Enterprise goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Women-Owned Business Enterprise (WBE) Program.

Sincerely.

Jamie L. Rhee 707 Chief Procurement Officer

JLR/cm

MBE/WBE LETTER OF INTENT - FORM 2

M/WBE Firm: RADA ARCHITECTS, ITD.	Certifying Agency: City of Chicago
Contact Person: William Sitton	Certification Expiration Date: 02/15/2021
Address: 233 N. Michigan Ave, #1900	Ethnicity: Caucasian
City/State: Chicago, IL Zip: 60601	Contract #1555-14475-EC8 Bid/Proposal/Contract #: Job Order: 045249.02
Phone: (312) 856-1970 Fax: (312) 856-1978	FEIN# 36-3945019
	FEIN#:
Email: wesitton@rada-arch.com	
Participation:	
Will the M/WBE firm be subcontracting any of the goods or ser	vices of this contract to another firm?
No Yes Please attach explanation. Proposed Sc	ubcontractor(s):
The undersigned M/WBE is prepared to provide the following of more space is needed to fully describe M/WBE Firm's proposed scope	Commodities/Services for the above named Project/ Contract: (If
Additional design services for the "Cicero Records	
Indicate the <u>Dollar Amount</u> , <u>Percentage</u> , and the <u>Terms of P</u> \$82,585 - 16.63% - Net 90	ayment for the above-described Commodities/ Services:
work, conditioned upon (1) the Bidder/Proposer's receipt of Subcontractor remaining compliant with all relevant credentia County, and the State to participate as a MBE/WBE firm for the	tent will become a binding Subcontract Agreement for the above a signed contract from the County of Cook; (2) Undersigned Is, codes, ordinances and statutes required by Contractor, Cook he above work. The Undersigned Parties do also certify that they ler Description of Service/ Supply and Fee/Cost were completed.
Signature (M/WBE)	Signatu(e (Prime Bidder/Proposer)
William Sitton	William J Cullen III
Prini Name	Print Name Sharlen Electric Company
RADA Architects, Ltd.	Firm Name
09/13/2017	09/13/2017
Date	Date
Subscribed and sworn before me	Subscribed and sworn before me
this 13+6 by of September 2017.	this 132 day of Sept . 20/7
Notary Public Market Notary Public Market Notary Public Market Notary Public Notary Pu	Notary Public All Hand
OFFICIAL SEAL SEAL JINA SON Notary Public - State of Illinois My Commission Expires Mar 11, 2019	MELISSA D. WIRSTON OFFICIAL SEAL Notary Public, Status Human My Commission & Nord's February 07, 2018
M/WBE Letter of Intent - Form 2	Revised: 1/29/14



DEPARTMENT OF PROCUREMENT SERVICES CITY OF CHICAGO

FEB 1 9 2016

Ms. Radosveta Doytcheva RADA Architects, Ltd. 233 N. Michigan Ave., Suite 2324 Chicago, IL 60601

Dear Radosvetta Doytcheva:

We are pleased to inform you that RADA Architects, Ltd. has been recertified as a Women-Owned Business Enterprise ("WBE") by the City of Chicago ("City"). This WBE certification is valid until 2/15/2021; however your firm's certification must be revalidated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. As a consequence, we require you to be even more diligent in filing your annual No-Change Affidavit 60 days before your annual anniversary date.

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification during the five year period stated above, you must file an annual No-Change Affidavit. Your firm's annual No-Change Affidavit is due by 2/15/2017, 2/15/2018, 2/15/2019, and 2/15/2020. Please remember, you have an affirmative duty to file your No-Change Affidavit 60 days prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm's five year certification will expire on 2/15/2021. You have an affirmative duty to file for recertification 60 days prior to the date of the five year anniversary date. Therefore, you must file for recertification by 12/15/2020.

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification within 10 days of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as a **WBE** if you fail to:



File your annual No-Change Affidavit within the required time period;

• Provide financial or other records requested pursuant to an audit within the required time period;

Notify the City of any changes affecting your firm's certification within 10 days of such

change; or

• File your recertification within the required time period.

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the City's Inspector General at chicagoinspectorgeneral.org, or 866-IG-TIPLINE (866-448-4754).

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining a contract with the City by falsely representing the individual or entity, or the individual or entity assisted is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months, or a fine of not less than \$5,000 and not more than \$10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

NAICS Code(s):

541310 - Architectural (except landscape) Services

541310 - Building Architectural Design Services

541320 - Urban Planning Services

541340 - Drafting Services

Your firm's participation on City contracts will be credited only toward **Women-Owned Business Enterprise** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Women-Owned Business Enterprise (WBE) Program.

Sincerely.

Rich Butter

First Deputy Procurement Officer

RB/cm





DEFAULTMENT OF PROCUREMENT SERVICES CITY OF CHICAGO

APR - 6 2017

Radosveta Doytcheva RADA Architects, Ltd. 233 N. Michigan Ave. Suite 2320 Chicago, IL 60601

Dear Radosveta Doytcheva:

The City of Chicago has reviewed your annual No Change Affidavit and supporting documentation and is pleased to inform you that your firm, RADA Architects, Ltd., continues to meet the Disadvantaged Business Enterprise ("DBE") program certification eligibility standards set forth in 49 CFR Part 26. Your next No Change Affidavit is due April 1, 2018.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the City of Chicago, Illinois Department of Transportation, the Chicago Transit Authority, Metra and Pace.

If there is any change in circumstances that affects your ability to meet size, disadvantaged status, ownership, or control requirements, or if there is any other material change in the information provided in your application, you must provide written notification to this agency within 30 days of the occurrence of the change. Failure to provide such information is a ground for removal of certification pursuant to 49 CFR § 26.83(i).

Your firm's name will appear in the IL UCP DBE Directory under the following category name(s):

NAICS Code(s):

541310 - Architectural (except landscape) Services

541310 - Building Architectural Design Services

541320 - Urban Planning Services

541340 - Drafting Services

The Directory is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE and ACDBE firms. The Directory can be accessed on the



Internet at http://www.idot.illinois.gov/doing-business/certifications/disadvantaged-business-enterprise-certification/il-ucp-directory/index.

Your participation on contracts will only be credited toward DBE contract goals when you perform in your firm's approved area(s) of specialty. Credit for participation in an area outside of your specialty requires prior approval (verification of resources, expertise, and corresponding support documentation, etc.).

Sincerely,

Rich Butler

First Deputy Procurement Officer

RB/vlw

W

MBE/WBE LETTER OF INTENT - FORM 2

M/WBE Firm: Chicago Voice & Data Authority	Certifying Agency: NMSDC
Contact Person: Cristina Beran	Certification Expiration Date: 05/31/2018
2444 W 16th St 4F	Ethnicity: Hispanic
Address: 2444 W. 16th St. 4F City/State: Chicago, IL Zip: 60608	Contract #1555-144/5-EC8
City/State: Chicago, IL Zip: 60608	Bid/Proposal/Contract #: Job Order: 045249.02
Phone: (312) 273-4970 Fax:	FEIN#: 47-5603497
Email: cristina@cvada.com	
Participation:	
Will the M/WBE firm be subcontracting any of the goods or se	rvices of this contract to another firm?
No Yes - Please attach explanation. Proposed S	ubcontractor(s):
The undersigned M/WBE is prepared to provide the following	Commodities/Services for the above named Project/ Contract: (If
more space is needed to fully describe M/WBE Firm's proposed scor	ling for the "Cicero Records - Build Out for Elections
	mily for the Glocial records
Supplemental 2" project.	
Indicate the <u>Dollar Amount</u> , <u>Percentage</u> , and the <u>Terms of F</u> \$175,000 Est - 35.24% - Net 90	Payment for the above-described Commodities/ Services:
work, conditioned upon (1) the Bidder/Proposer's receipt of Subcontractor remaining compliant with all relevant credential County, and the State to participate as a MBE/WBE firm for	ntent will become a binding Subcontract Agreement for the above of a signed contract from the County of Cook; (2) Undersigned als, codes, ordinances and statutes required by Contractor, Cook the above work. The Undersigned Parties do also certify that they der Description of Service/ Supply and Fee/Cost were completed.
Signature (M/WBE)	Signature (Prime Bidder/Proposer)
Cristina Beran	William J Cullen III
Print Name	Print Name
Chicago Voice & Data Authority Corp.	Sharlen Electric Company
Firm Name	Firm Name
09/12/2017	09/12/2017
Date	Dale
Subscribed and sworn before me	Subscribed and sworn before me
this 13 day of September 20/7	this 13 day of Sept. 20/7
Notary Public June Harage Con April	Notary Public ////
JANET PASSABELLI-HOXHA OFFICIAL SEAL Notary Public, State of litinois My Commission Expires February 26, 2020	MELISSA D. WINSTON OFFICIAL SEAL Notary Public, Stance of History My Commission 6 Spaces February 07, 2018
M/WBE Letter of Intent - Form 2	Revised: 1/29/14



TONI PRECKWINKLE

PRESIDENT

Cook County Board

of Commissioners

RICHARD R. BOYKIN

1st District

ROBERT STEELE 2nd District

JERRY BUTLER 3rd District

STANLEY MOORE 4th District

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JEFFREY R. TOBOLSKI 16th District

SEAN M. MORRISON 17th District OFFICE OF CONTRACT COMPLIANCE

JACQUELINE GOMEZ

DIRECTOR

118 N. Clark, County Building, Room 1020 ● Chicago, Illinois 60602 ● (312) 603-5502

February 24, 2017

Ms. Cristina Beran, Owner/President Chicago Voice and Data Authority Corp. 2444 W. 16th Street Unit 4F Chicago, IL 60608

Annual Certification Expires:

February 24, 2018

Dear Ms. Beran:

We are pleased to inform you that Chicago Voice and Data Authority Corp. has been certified as a Minority-owned Business Enterprise (MBE) and Women-owned Business Enterprise (WBE) by Cook County Government. This certification is valid until February 24, 2022; however, you must re-validate your firms' certification annually.

As a condition of continued Certification during this five (5) year term, you must file a "No Change Affidavit" within sixty (60) business days prior to the date of Annual Certification Expiration. Failure to file this Affidavit shall result in the termination of your Certification. You must notify Cook County Government's Office of Contract Compliance of any change in ownership or control or any other matters or facts affecting your firm's eligibility for Certification within fifteen (15) business days of such change.

Cook County Government may commence action to remove your firm as a MBE or WBE vendor if you fail to notify us of any changes of facts affecting your firm's Certification, or if your firm otherwise fails to cooperate with the County in any inquiry or investigation. Removal of status may also be commenced if your firm is found to be involved in bidding or contractual irregularities.

Your firm's name will be listed in Cook County's Directory of certified firms in the following area(s) of specialty:

Construction: Voice and Data Cable - Installation and Maintenance; Electrical Contractor; Network Managed Services; Structured, Camera and Security Cabling

Your firm's participation on Cook County contracts will be credited toward MBE or WBE goals in your area(s) of specialty. While your participation on Cook County contracts is not limited to your specialty, credit toward MBE or WBE goals will be given only for work performed in the specialty category.

Thank you for your continued interest in Cook County Government's Minority, Women, Veteran, and Service-Disabled Veteran Business Enterprise Programs.

79 V

Sincerely

Jacqueline Gomez

Contract Compliance Director

JG/ek

May 2, 2017

Certification Term Expires: May 2, 2018

Ms. Cristina Beran Chicago Voice And Data Authority Corp. 2444 W. 16 th St., 4th Floor Chicago, IL 60608

Dear Cristina Beran:

Re: Women/Minority Business Enterprise (WMBE)

Congratulations! After reviewing the information that you supplied, we are pleased to inform you that your firm has been granted certification as a Women/Minority Business Enterprise (WMBE) under the Business Enterprise Program (BEP) for Minority, Females, and Persons with Disabilities

This certification is in effect with the State of Illinois as specified on the above certification term expiration date.

At least 15 days prior to the anniversary date of your certification, you will be notified by BEP to update your certification as a condition of continued certification. In addition, should any changes occur in ownership and/or control of the business or other changes affecting the firm's operations, you are required to notify BEP within two weeks. Failure to notify our office of changes will result in decertification of your firm.

Please be advised, while this certification does not guarantee you will receive a State contract, it does assure your firm the opportunity to participate in the State's procurement process. Your firm's participation on State contracts will be credited only toward Women/Minority Business Enterprise (WMBE) goals in your area(s) of specialty. Your firm's name will appear in the State's Directory as a certified vendor with the Business Enterprise Program in the specialty area(s) of:

NIGP 65529: CAMERAS, DIGITAL TYPE (INCL, DIGITAL NETWORK CAMERAS)
NIGP 910: BUILDING MAINTENANCE, INSTALLATION AND REPAIR SERVICES
NIGP 91597: WIRING SERVICES, DATA/VOICE
NIGP 96837: ELECTRICAL CONTRACTING

Please visit our website at www.opportunities.illinois.gov to obtain information about current and upcoming procurement opportunities, contracts, forms, and also to register to receive email alerts when the State is preparing to purchase a product or service you may provide.

Thank you for your participation in the Business Enterprise Program. We welcome your participation and wish you continued success.

Sincerely,

Carlos Gutiérrez Certification Manager Business Enterprise Program

Cook County Office of the Chief Procurement Officer Identification of Subcontractor/Supplier/Subconsultant Form

	OCPO ONLY:	
	Disgualification	
	Check Complete	
-		

The Bidder/Proposer/Respondent ("the Contractor") will fully complete and execute and submit an Identification of Subcontractor/Supplier/Subconsultant Form ("ISF") with each Bid, Request for Proposal, and Request for Qualification. The Contractor must complete the ISF for each Subcontractor, Supplier or Subconsultant which shall be used on the Contract. In the event that there are any changes in the utilization of Subcontractors, Suppliers or Subconsultants, the Contractor must file an updated ISF.

Contract #1555-14475-EC8 Bid/RFP/RFQ No.: Job Order: 045249.02	Date: 09/12/2017
Total Bid or Proposal Amount: \$496,651.40	Contract Title: Cicero Records - Build Out For Elections Supplemental 2
Contractor: Sharlen Electric Company	Subcontractor/Supplier/ Subconsultant to be Advent Systems, Inc. added or substitute:
Authorized Contact William J Cullen III	Authorized Contact for Subcontractor/Supplier/ John Henzl Subconsultant:
Email Address (Contractor): wjc@sharlen.com	Email Address (Subcontractor):
Company Address 9101 S. Baltimore Ave (Contractor):	Company Address ⁴³⁵ West Fullerton Ave (Subcontractor):
City, State and Zip (Contractor): Chicago, IL 60617	City, State and Zip Elmhurst, Illinois 60126 (Subcontractor):
Telephone and Fax (Contractor): T: (773) 721-0700 F: (773) 721-9208	Telephone and Fax (Subcontractor): (630) 279-7171 F: (630) 279-7676
Estimated Start and Completion Dates 09/01/2017 - 10/13/2017 (Contractor):	Estimated Start and Completion Dates 09/01/2017 - 10/13/2017 (Subcontractor):

Note: Upon request, a copy of all written subcontractor agreements must be provided to the OCPO.

Description of Services or Supplies	Total Price of Subcontract for Services or Supplies
Provide Security Equipment and Programming.	\$111,816.00 Est.

Sharlen Electric Company	
Contractor	
William J. Cullen III	
Name	
Vice President	
Title all will-	10/06/2017
rime Confractor Signature	Date
<i>()</i>	

Gook County
Office of the Chief Procurement Officer
Identification of Subcontractor/Supplier/Subconsultant Form

 OCPO ONLY:	•
Disqualification	
Check Complete	
	_

The Bidder/Proposer/Respondent ("the Contractor") will fully complete and execute and submit an Identification of Subcontractor/Supplier/Subconsultant Form ("ISF") with each Bid, Request for Proposal, and Request for Qualification. The Contractor must complete the ISF for each Subcontractor, Supplier or Subconsultant which shall be used on the Contract. In the event that there are any changes in the utilization of Subcontractors, Suppliers or Subconsultants, the Contractor must file an updated ISF.

Contract #1555-14475-EC8 Bid/RFP/RFQ No.: Job Order: 045249.02	Date: 09/12/2017
Total Bid or Proposal Amount: \$496,651.40	Contract Title: Cicero Records - Bulld Out For Elections Supplemental 2
Contractor: Sharlen Electric Company	Subcontractor/Supplier/ Subconsultant to be Evergreen Supply Company added or substitute:
Authorized Contact for Contractor: William J Cullen III	Authorized Contact for Subcontractor/Supplier/Tiffany Johnsen Subconsultant:
Email Address wjc@sharlen.com (Contractor):	Email Address (Subcontractor): tjohnsen@evergreensupply.com
Company Address 9101 S. Baltimore Ave (Contractor):	Company Address 8402 West 183rd Street (Subcontractor):
City, State and Zip (Contractor): Chicago, IL 60617	City, State and Zip Tinley Park, IL 60487 (Subcontractor):
Telephone and Fax (Contractor): T: (773) 721-0700 F: (773) 721-9208	(OddContractor):
Estimated Start and Completion Dates 09/01/2017 - 10/13/2017 (Contractor):	Estimated Start and Completion Dates 09/01/2017 - 10/01/2017 (Subcontractor):

Note: Upon request, a copy of all written subcontractor agreements must be provided to the OCPO.

Description of Services or Supplies	Total Price of Subcontract for Services or Supplies
Furnish and deliver electrical supplies for the Cicero Records - Build Out For Elections Supplemental 2 project	\$6,000.00 Est.

Sharlen Electric Company		
Contractor		
William J. Cullen III	· · · · · · · · · · · · · · · · · · ·	
Name		
Vice President		
Title Oli (Q	09/12/2017	
Prime Contractor Signature	Date	

Cook County
Office of the Chief Procurement Officer
Identification of Subcontractor/Supplier/Subconsultant Form

 OCPO ONLY:	
Disqualification	
Check Complete	

The Bidder/Proposer/Respondent ("the Contractor") will fully complete and execute and submit an Identification of Subcontractor/Supplier/Subconsultant Form ("ISF") with each Bid, Request for Proposal, and Request for Qualification. The Contractor must complete the ISF for each Subcontractor, Supplier or Subconsultant which shall be used on the Contract. In the event that there are any changes in the utilization of Subcontractors, Suppliers or Subconsultants, the Contractor must file an updated ISF.

Contract #1555-14475-EC8 Bid/RFP/RFQ No.: Job Order: 045249.02	Date: 09/12/2017
Total Bid or Proposal Amount: \$496,651.40	Contract Title: Cicero Records - Build Out For Elections Supplemental 2
Contractor: Sharlen Electric Company	Subcontractor/Supplier/ Subconsultant to be RADA Architects added or substitute:
Authorized Contact William J Cullen III for Contractor:	Authorized Contact for Subcontractor/Supplier/ William Sitton AIA Subconsultant:
Email Address wjc@sharlen.com (Contractor):	Email Address (Subcontractor): wesitton@rada-arch.com
Company Address 9101 S. Baltimore Ave (Contractor):	Company Address 233 N Michigan Ave, STE 1900 (Subcontractor):
City, State and Zip (Contractor): Chicago, IL 60617	City, State and Zip Chicago, Illinois 60601 (Subcontractor):
Telephone and T: (773) 721-0700 F: (773) 721-9208	(Oddoonti doto)
Estimated Start and Completion Dates 09/01/2017 - 10/13/2017 (Contractor):	Estimated Start and Completion Dates 09/01/2017 - 10/01/2017 (Subcontractor):

Note: Upon request, a copy of all written subcontractor agreements must be provided to the OCPO.

Description of Services or Supplies	<u>Total Price of</u> <u>Subcontract for</u> Services or Supplies
Additional design services for the Cicero Records - Build Out For Elections Supplemental 2 project.	\$82,585.00

Sharlen Electric Company	
Contractor	
William J. Cullen III	
Name	
Vice President	
Till OUL W	09/12/2017
Prime Contractor Signature	Date

Cook County
Office of the Chief Procurement Officer
Identification of Subcontractor/Supplier/Subconsultant Form

 OCPO ONLY:	
 Disqualification	
Check Complete	

The Bidder/Proposer/Respondent ("the Contractor") will fully complete and execute and submit an Identification of Subcontractor/Supplier/Subconsultant Form ("ISF") with each Bid, Request for Proposal, and Request for Qualification. The Contractor must complete the ISF for each Subcontractor, Supplier or Subconsultant which shall be used on the Contract. In the event that there are any changes in the utilization of Subcontractors, Suppliers or Subconsultants, the Contractor must file an updated ISF.

Contract #1555-14475-EC8 Bid/RFP/RFQ No.: Job Order: 045249.02	Date: 09/12/2017	
Total Bid or Proposal Amount: \$496,651.40	Contract Title: Cicero Records - Build Out For Elections Supplemental 2	
Contractor: Sharlen Electric Company	Subcontractor/Supplier/ Subconsultant to be Chicago Voice and Data Authority added or substitute:	
Authorized Contact William J Cullen III	Authorized Contact for Subcontractor/Supplier/ Megan Sanchez Subconsultant:	
Email Address wjc@sharlen.com (Contractor):	Email Address (Subcontractor): msanchez@cvada.com	
Company Address 9101 S. Baltimore Ave (Contractor):	Company Address 2444 W 16th Street (Subcontractor):	
City, State and Zip (Contractor): Chicago, IL 60617	City, State and Zip Chicago, Illinois 60608 (Subcontractor):	
Telephone and Fax (Contractor): T: (773) 721-0700 F: (773) 721-9208	(Jubeonitation).	
imated Start and Estimated Start and Completion Dates 09/01/2017 - 10/13/2017 (Subcontractor):		

Note: Upon request, a copy of all written subcontractor agreements must be provided to the OCPO.

Description of Services or Supplies	Total Price of Subcontract for Services or Supplies
Voice/Data cabling and terminations for the Cicero Records - Build Out For Elections Supplemental 2 project.	\$180,757.99 Est.

Sharlen Electric Company		
Contractor		
William J. Cullen III		
Name		
Vice President		
	09/12/2017	
Prime Contractor Signature	Date	



INVOICE

BILLTO - - V

Sharlen Electric Company 9101 S Baltimore Chicago, IL 60617 Attn: Jason Schafer

DATE	INVOICE NO:
8/14/2017	17-096

	0.000	DOOLECT	DESCRIPTION	RADA PROJECT#	PROJECT AMOUNT
CONTRACT#	TASK ORDER#				
N/A	N/A	CRC - Ado	litonal Services	H-76	67,687.00
	DESCRIPTION		TTL FEE	PRIOR BILLED	CURRENT TOTAL
COOK COUNTY CICERO RECORD CENT CLERK OF BOARD OF	TER ELECTIONS BUILD-OUT				
>> A/E Additional Ser	vices <<				
A/E SERVICES					
	dditional Work Scope and C	Construction	38,225.00		38,225.00
Cost Adjustment Bid Package No. 2 - Se	ecurity and IT Design		29,462.00		29,462.00
TOTAL A/E SERVICES		-	67,687.00		67,687.00
			i		
			•		
				Total	\$67,687.00



August 9, 2017

Mr. Brian Mills Sharlen Electric Company 9101 South Baltimore Chicago, IL 60617

Re:

A/E ADDITIONAL DESIGN SERVICES FOR BOARD OF ELECTIONS BUILD-OUT CICERO RECORDS CENTER
A/E Additional Services Proposal No. 1 – Scope of Work Adjustments

Dear Mr. Mills,

This additional services request is made to address the need for additional design and construction administration for scope added during the design phase including development and splitting of the design services into two phases necessitating two separate bid and construction packages to be executed by two separate JOC contractors. Our proposal for Architectural and Engineering fee adjustments is as follows:

1. BID PACKAGE NO. 1 - ADDITIONAL WORK SCOPE AND CONSTRUCTION COST ADJUSTMENT

This request reflects the escalation of the project cost from the original project estimated cost of \$4,500,000 to the actual as-bid project cost of \$5,714,500 as-bid for Bid Package #1. Additional scope of work in this phase included a redesign of the structural foundation system from conventional spread footings to helical piers with pier caps.

Bid Package #1: As-bid Board of Elections Build-Out JOC Construction Cost	\$ 5	5,714,500
Gross A/E Fee (5% of \$5,714,500)	\$	285,725
Less Initial Contract A/E Fee (5.5% of \$4,500,000)	\$	247,500
Owed Net Services Adjustment Item no. 1	\$	38,225

2. BID PACKAGE NO. 2 - SECURITY AND IT DESIGN

This request reflects the additional scope of work and separate bid package to provide security system documentation including cameras and door controls, as well as Information Technology cabling installation as follows:

- Security Camera and Access Control System: Architectural/Electrical drawings will provide locations, power, jboxes and low-voltage control cabling in accordance with design developed with the User.
- IT Low-Voltage scope will include the cabling installation and termination devices for empty j-box locations designed in Bid Package #1.

This second bid package was developed subsequent to Bid package #1 and involved numerous additional meetings with the User, Cook County Bureau of Technology and the security vendor. Modifications to the drawings were made after 100% CD completion to respond to user's scope changes. These included removing the tall shelving installation from the contract scope, changes to security camera locations and door control modifications. Services for this scope of work have been completed with the exception of construction administration, for which we have included a sum of \$3,000 to cover one site visit, responses to RFI's and review of contractor's shop drawing submittals.



Bid Package #2: As-bid Security & IT Build-Out JOC Construction Cost	\$ 392,8245
Gross A/E Fee (7.5% of \$392,824.96)	\$ 29,462.
Net Services Adjustment Item no. 2	\$ 29,462
Total Net Services Adjustment (Items 1 + 2)	\$ 67,687
Recap of Earned Additional Services Fees	 Amount
	\$ <u>Amount</u> 64,687
Completed and earned to date	\$
	64,687

Respectfully Submitted by:

Services for said work scope.

William Sitton, AIA Principal

RADA Architects

Approved By:

Date:



INVOICE

BILL TO
Sharlen Electric Company
9101 S Baltimore
Chicago, IL 60617
Attn: Jason Schafer

Date	INVOICE NO:
9/12/2017	17-111

DESCRIPTION		AMOUNT
COOK COUNTY CICERO RECORD CENTER CLERK OF BOARD OF ELECTIONS BUILD-OUT		
A/E ADDITIONAL SERVICES - UNFORSEEN CONDITIONS (per RADA Architects Additional Services Proposal No. 2 letter dated 8/16/17)		
RADA Architects	j	3,184.00
CCJM Engineers		11,714.00
TOTAL A/E ADDITIONAL SERVICES #1		14,898.00
	·	
	TOTAL	\$14,898.00



August 16, 2017

Mr. Brian Mills Sharlen Electric Company 9101 South Baltimore Chicago, IL 60617

Re:

A/E ADDITIONAL DESIGN SERVICES FOR BOARD OF ELECTIONS BUILD-OUT

CICERO RECORDS CENTER

A/E Additional Services Proposal No. 2 - Unforeseen Conditions

Dear Mr. Mills;

This additional services request is made to address the need for additional design and construction administration needs, during the foundation installation phase, for review and resolution of unforeseen and discovered conditions encountered by the contractor in the field which are at variance with the existing conditions documentation, observable conditions, and geotechnical soils report made available to the A/E team during the design phase of the project.

During the foundation installation phase of the project, the contractor encountered existing systems and elements preventing the installation of the designed foundation system. This proposal is for providing the necessary services including coordination of consultants, information retrieval, review and evaluation, site visits, meetings and conference calls participation, sketches and change order requests and processing as needed to resolve these conditions and provide the contractor with direction as to how to proceed. As discovered and unforeseen conditions which require additional time and re-design of structural and MEP systems, the services necessary to resolve them is beyond the scope of normal and customary construction administration services.

RESOLUTION OF ABANDONED FOUNDATIONS AND BOULDER OBSTRUCTIONS
 During slab removal and excavation, the contractor uncovered many instances/locations of abandoned concrete foundations and large boulders which prevented the installation of the helical piles and pile caps as designed and impeded trenching for electrical conduit and plumbing piping.

2. RESOLUTION OF DISCOVERED SOILS CONDITIONS AT VARIANCE WITH THE AVAILABLE SOILS GEOTECHNICAL(BORINGS) INFORMATION AVAILABLE IN THE DESIGN PHASE

The initial installation and load testing of the helical piles installed by the contractor indicated that the loading required by the design could not be achieved at certain locations.

To resolve the above conditions, alternative and amended architectural / structural engineering and details were provided to the contractor for corrective measures.

Total Architectural & Engineering Services (breakdown attached): \$14,898.00

In the event that additional scope is requested by the client, RADA Architects reserves the right to request Additional Services for said work scope.

Respectfully Submitted by:

William Sitton, AIA Principal

RADA Architects



Cook County							prepared	8/16/17
Cicero Records Center	· · ·			H-7	1			
Report: Actual Expended vs. F	ees - ADD. S	SRVC	UNFOR	SEE	V CONDITIO	NS		
7/5/17 - 7/14/17								
Staff	hrs	hou	rly rate	<u> </u>	Total			
Rada Doytcheva	3	\$	254	\$	762.00			
William Sitton	10	\$	175	\$	1,750.00			
Bryan Hadley	8	\$	84	\$	672.00			
TOTAL - Actual Expended	21			\$	3,184.00			
		-	.					
		-						

CCJM Engineers, Ltd.

Engineering Infrastructure Solutions

August 16, 2017 Project No:

Invoice No:

001617134.000 0001617134-9

RADA Architects, Ltd. 233 North Michigan Avenue Chicago, IL 60601

Project

001617134.000

Cook County Cicero Records Center Build

Phase	005	Additional Services - Fi	eld Conditions			
Professional Po	ersonnel		Hours	Rate	Amount	
· .		0.000/0047	8.00	138,00	1,104.00	
Chen, Gengjia		3/30/2017	8.00	138.00	1,104.00	
Chen, Gengjia		3/31/2017		138.00	1,104.00	
Chen, Gengjia		4/3/2017	8.00		1,104.00	
Chen, Gengjia		4/4/2017	8.00	138.00	552.00	
Chen, Gengjia		4/5/2017	4.00	138.00		
Chen, Gengjia		5/24/2017	00.8	138.00	1,104.00	
Chen, Gengjia		7/11/2017	4.00	138.00	552.00	
Chen, Gengjia		7/12/2017	4.00	138.00	552.00	
hen, Gengjia		7/14/2017	5.00	138.00	690,00	
hen, Gengjia		7/17/2017	6.00	138.00	828,00	
hen, Gengjia		7/19/2017	2.00	138.00	276.00	
Shassan, Paul		5/22/2017	2.00	196.00	392.00	
Shassan, Paul		5/23/2017	1.00	196.00	196.00	
Shassan, Paul		5/25/2017	2.00	196.00	392.00	
hassan, Paul		5/26/2017	2.00	196.00	392.00	
hassan, Paul		7/11/2017	2.00	196.00	392.00	
hassan, Paul		7/12/2017	1.00	196.00	196.00	
Shassan, Paul		7/13/2017	1.00	196.00	196.00	
hassan, Paul		7/14/2017	1.00	196.00	196.00	
Shassan, Paul		7/17/2017	2.00	196.00	392.00	
		17)11,0017	79.00		11,714.00	
otals						11,714.0
otal Labor				Total this	s Phase	\$11,714.0
				Total this	Invoice	\$11,714.0

Authorized By:

Mr. Anil Ahuja, PE, RCDD, LEED AP

Date: 8/16/17

PLEASE REMIT TO: 16108 Collection Center Drive, Chicago, IL 60693 312,669,0609 Fax: 312,669,0445

Eric Davis (Capital Planning)

From:

Eric Davis (Capital Planning)

Sent:

Thursday, September 21, 2017 2:20 PM

To:

Seameah Lloyd (Capital Planning)

Subject:

RE: Request for reallocation - Cicero Records Supplemental 2

Seameah,

I am aware of that. This is a revised request, which supersedes the one from 9/8 (below). Please reallocate \$521,483.97 from MPG 22398, Category 5, Dunne Building 69 W. Consolidation, to MPG 22373, Category 5, Cicero Records, Buildout for Elections, Supplemental 2. Per Oracle as of this writing, sufficient unencumbered funds for both this and for the 69 W. 27th floor (that you note below) are available.



Eric Davis, AIA NCARB LEED AP

Deputy Director, Department of Capital Planning and Policy **Bureau of Asset Management** 69 W. Washington Street, Suite 3000

Chicago, IL 60602

Phone: 312.603.0355 Cell: 312.599.2877

eric.davis@cookcountyil.gov

From: Seameah Lloyd (Capital Planning) Sent: Monday, September 11, 2017 2:09 PM

To: Eric Davis (Capital Planning)

Subject: RE: Request for reallocation - Cicero Records Supplemental 2

Importance: High

See below and are you aware that we have a pending transfer request for MPG:22398 in the amount of \$751,529.00 for the Dunne Building - 69 west Consolidation(Daley Center 27th Floor Renovation) Phase I Demo and Abatement?

From: Seameah Lloyd (Capital Planning) Sent: Monday, September 11, 2017 9:16 AM

To: Eric Davis (Capital Planning)

Subject: RE: Request for reallocation - Cicero Records Supplemental 2

Importance: High

Eric the amount required to fund the project is \$505,841.07.

From: Eric Davis (Capital Planning) Sent: Friday, September 08, 2017 4:19 PM To: Seameah Lloyd (Capital Planning)

Seameah Lloyd (Capital Planning)

From:

Seameah Lloyd (Capital Planning)

Sent:

Tuesday, September 12, 2017 8:20 AM

To:

Eric Davis (Capital Planning)

Subject:

RE: Request for reallocation - Cicero Records Supplemental 2

No, just making sure you are aware of the correct amount required.

From: Eric Davis (Capital Planning)

Sent: Monday, September 11, 2017 3:15 PM

To: Seameah Lloyd (Capital Planning)

Subject: RE: Request for reallocation - Cicero Records Supplemental 2

Is the \$505 the number with the applicable fees? If so I'm sorry; I included the raw number. I should have stipulated \$505,841.07 instead.

Do you need me to re-send that request or does this email suffice?



Eric Davis, AIA NCARB LEED AP

Deputy Director, Department of Capital Planning and Policy Bureau of Asset Management

69 W. Washington Street, Suite 3000

Chicago, IL 60602

Phone: 312.603.0355 Cell: 312.599.2877

eric.davis@cookcountyil.gov

From: Seameah Lloyd (Capital Planning)
Sent: Monday, September 11, 2017 9:16 AM

To: Eric Davis (Capital Planning)

Subject: RE: Request for reallocation - Cicero Records Supplemental 2

Importance: High

Eric the amount required to fund the project is \$505,841.07.

From: Eric Davis (Capital Planning)

Sent: Friday, September 08, 2017 4:19 PM To: Seameah Lloyd (Capital Planning)

Cc: Eric Davis (Capital Planning)

Subject: Request for reallocation - Cicero Records Supplemental 2

Seameah,

Please reallocate \$481.753.40 from MPG 22398, Category 5, Dunne Building 69 W. Consolidation, to MPG 22373, Category 5, Cicero Records, Buildout for Elections, Supplemental 2. Per Oracle as of this writing, sufficient unencumbered funds are available.



Eric Davis, AIA NCARB LEED AP

Deputy Director, Department of Capital Planning and Policy Bureau of Asset Management 69 W. Washington Street, Suite 3000 Chicago, IL 60602 Phone: 312.603.0355 Cell: 312.599.2877

eric.davis@cookcountyil.gov

Jacqueline Taylor (Procurement)

From:

Alexander VanDyck (Procurement)

Sent:

Friday, September 22, 2017 4:37 PM

To:

Carolynn Jones (Procurement); Jacqueline Taylor (Procurement)

Cc:

Danuta Rusin (Procurement); Cho Ng (Procurement); Lillian Lee (Procurement); Jorge

Robles (Sheriff); Alesia Hawkins (Procurement)

Subject:

Req Assignments for 9/25

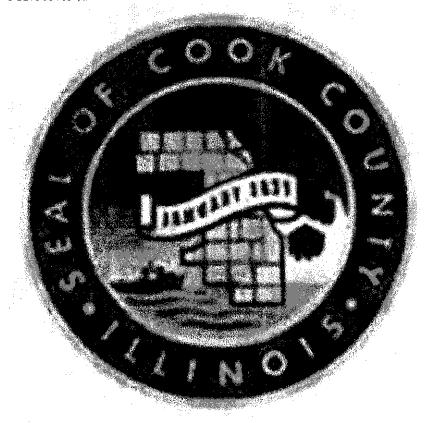
Carolynn / Jacqueline,

Please assign the following requisitions Monday:

- 10000027046 to Donna as a Modification under 1553-15033
- 10000027212 to Cho as a New Contract under 1728-16890
- 10000027078 to Donna as a New Contract under 1755-16873
- 10000027554 to Lillian as a JOC Work Order under 1555-14475-EC8
- 10000024426 to Jorge as New Contract under 1712-16813

Thanks!

Alex Van Dyck Office of the Chief Procurement Officer 118 N. Clark St – Room 1018 312.603.4341



CCG (PL)

CCG (PL)

Printed Requisitions Report

Report Date: 22-SEP-2017 10:24

Report Parameters

Requisition Numbers From : 18000027554 To : 10000027554 Printed Requisitions Report

Page:

Report Date: 22-SEP-2017 10:24 Page: 2 of 2

Preparer: LLOYD, SEAMEAH M Approver: DAVIS, ERIC Currency: USD

Requisition: 10000027554
Requisition Type: Purchase Requisition
Creation Date: 22-SEP-17
Description: MPG:22373 Cicero Records Build Out for Elections Supplemental 2

Note To Approver: Notes:

Approval Action (Circle One): Approve Forward Reject

Forward To:

Line Line Type I		Rev Category	Description	Unit Quantity/	Amount Unit Price	Line Amount
Requester	Need By Date	Source Urgent Type	Source		e age was the sign with single age and the way of support and age of the sign before the side of the s	MI AN CO. AN AN AN ENGLIS SO NO NA AN EN
l Goods LLOYD, SEAME	и на	72120000 Supplier	JOC Work Order #045249.02 - Amount \$521,483.97 10000027554	DOLL	0.01 1	0.01
Distribution	ısı .01	Allocated To Aco	count: 11569.1031,17825.	560108.00000.0000		
Justificatio Note To Approve Note		t a Text format				
		•			Total:	0.01
Previous Approval	9;					
Sequence Date	Approver	Action	Note			
	7 LLOYD, SEAMEAH M 7 DAVIS, ERIC	Submit Approve		,		

Lillian Lee (Procurement)

From:

Anita Morris (Human Resources)

Sent:

Tuesday, September 26, 2017 3:29 PM

To:

jvalone@iuec2.com; dfinn134@gmail.com; hmailey@pf597.org;

tryanjr@carpentersunion.org; joeh@local1092.org; jrinehart265@yahoo.com; opcmia5

@sbcglobal.net; jriel@boilermakersone.org; ba147@aol.com;

Larry.McNiff@iwlocal63.com; local830@aol.com; mtierney@ualocal130.org;

MLOWERY@bacadc1.org; paul.wende@iwlocal63.com;

ramonw@teamsterslocal700.com; raysuggs@aol.com; tobrien@local150.org; tvshannon46@yahoo.com; tgavin@ualocal130.org; ubclocal13@aol.com; vmarchese@iamdistrict8.org; mclawson@cml502.com; local17bill@gmail.com

Cc:

Shannon Andrews (Procurement); Danuta Rusin (Procurement); Lillian Lee

(Procurement); Margaret Angelucci; Mike Leyden; Torrick Ward (Human Resources); Destiny Woods (Human Resources); Earl Manning (Capital Planning); Cho Ng

(Procurement); Seameah Lloyd (Capital Planning); Timothy Ozog (Capital Planning); Eric

Davis (Capital Planning); Sheila Atkins (Capital Planning); LaShon DeFell (Human

Resources); Warrick Graham (Capital Planning)

Subject:

COUPE Notification- #1555-14475 EC8 - WO# 045249.02 - Cicero Records - Building

Out For Elections Supplemental 2

Attachments:

Notifications -#1555-14475 EC8 - WO# 045249.02 - Cicero Records - Building Out For

Elections Supplemental 2.pdf; WO#45249.02 Cicero Records Build Out for Elections

Supp 2 Req#10000027554.pdf

Good afternoon,

Please see the attached notification, pursuant to the Extension Agreement between the Coalition of Unionized Public Employees (COUPE) and the County of Cook for construction services for #1555-14475 EC8 - WO# 045249.02 - Cicero Records - Building Out For Elections Supplemental 2.

Sincerely,

Anita Morris Labor Counsel Cook County Bureau of Human Resources 118 North Clark Street, Room 833 Chicago, IL 60602

Telephone: (312) 603-3041

Fax: (312) 603-4272

Email: anita.morris@cookcountyil.gov

PRIVILEGE AND CONFIDENTIALITY NOTICE: This email transmission, including all attachments, is confidential information belonging to the sender and the intended recipient, which may be protected by the attorney-client privilege or attorney work product privilege, and may constitute non-public pre-decisional FOIA exempt information. This information is only for the intended recipient. Any use by an unintended recipient is strictly prohibited. Receipt by an unintended recipient does not waive any privilege or other legal exemption from disclosure.

Lillian Lee (Procurement)

From:

Destiny Woods (Human Resources)

Sent:

Thursday, October 05, 2017 11:57 AM

To:

Danuta Rusin (Procurement); Lillian Lee (Procurement)

Cc:

LaShon DeFell (Human Resources); Anita Morris (Human Resources)

Subject:

Fwd: services for #1555-14475 EC8 - WO# 045249.02 - Cicero Records - Building Out

For Elections Supplemental 2.

Please be advised, as indicated in the email below, the union has agreed to a one time reduction of days for the 14 day notice period for above-referenced project.

Sent from my iPhone

Begin forwarded message:

From: "LaShon DeFell (Human Resources)" < LaShon.DeFell@cookcountyil.gov>

Date: October 5, 2017 at 11:50:25 AM CDT

To: "Shannon Andrews (Procurement)" < Shannon. Andrews @cookcountyil.gov>

Cc: "Destiny Woods (Human Resources)" < Destiny. Woods@cookcountyil.gov>, "Phyllis

Woods (Human Resources)" <phyllis.woods@cookcountyil.gov>, Mike Leyden

<mle><mleyden@local134.org></mle>, Margaret Angelucci <maa@ulaw.com></ml>

Subject: services for #1555-14475 EC8 - WO# 045249.02 - Cicero Records - Building Out For Elections Supplemental 2.

Good Morning,

Please allow this email to serve as a one time notice that the union has graciously allowed the County to waive five (5) days from the fourteen day notice provision.

Therefore, you can proceed as soon as tomorrow, October 6, 2017. You do not have to wait until October 11, 2017.

Please forward to anyone applicable.

Respectfully, LaShon R. DeFell

Sent from my iPhone, please excuse any typos and/or the brevity of my response.



TONI PRECKWINKLE

PRESIDENT

Cook County Board of Commissioners

RICHARD R. BOYKIN 1st District

> DENNIS DEER 2nd District

JERRY BUTLER 3rd District

STANLEY MOORE 4th District

DEBORAH SIMS 5th District

EDWARD M, MOODY 6th District

JESUS G. GARCIA 7th District

LUIS ARROYO JR 8th District

PETER N. SILVESTRI 9th District

BRIDGET GAINER 10th District

JOHN P. DALEY 11th District

JOHN A. FRITCHEY 12th District

LARRY SUFFREDIN 13th District

GREGG GOSLIN 14th District

TIMOTHY O. SCHNEIDER 15th District

JEFFREY R, TOBOLSKI 16th District

SEAN M. MORRISON 17th District BUREAU OF HUMAN RESOURCES

VELISHA L. HADDOX

BUREAU CHIEF

118 North Clark Street, Room 840 ● Chicago, Illinois 60602 ● (312) 603-3300

TO:

COUPE member unions (See attached list)

VIA EMAIL

FROM:

BHR – Labor Relations

RE:

Notification Pursuant to Extension Agreement

DATE:

September 26, 2017

Pursuant to the Extension Agreement between the Coalition of Unionized Public Employees (COUPE) and the County of Cook, you are hereby notified that the County intends to undertake the following construction work:

Cicero Records - Build Out For Election Supplemental 2

This work will be performed under the Job Order Contracting Agreement referenced above with Sharlen Electric Company. The General Contractors intends to use four (4) subcontractors for this project. The name and address of the contractor and subcontractor(s) are as follow:

GENERAL CONTRACTOR

Sharlen Electric Company 9101 S. Baltimore Ave. Chicago, IL 60617

SUBCONTRACTOR

See Attached Listing

Please contact Anita Morris, Labor Liaison Officer at 312-603-3041 if you have any questions or concerns. Procurement Awarded Contracts can be found at the following link: www.cookcountyil.gov/procurement.

Cc: Shannon Andrews, CPO
Margaret Angelucci
Michael Leyden

COUPE MEMBER UNIONS

First Name	Last Name	E-mail Address	Company
John	Valone	ivalone@iuec2.com	Elevator Constructors, Local 2
Don	Finn	dfinn134@gmail.com	Local 134, IBEW
Harrison	Mailey	hmailey@pf597.org	Pipefitters, Local 597
Thomas	Ryan, Jr.	tryanir@carpentersunion.org	Carpenters
Joe	Healy	ioeh@local1092.org	Local 1092
Joe	Rinehart	irinehart265@vahoo.com	Painters
John	Manley	opcmia5@sbcglobal.net	Plasterers
John	Riel	jriel@boilermakersone.org	Boilermakers
John	Spiros	ba147@aol.com	830,27, & 14
Larry	McNiff	Larry.McNiff@iwlocal63.com	Ironworkers
Mark	O'Donnell	local830@aol.com	830
Michael	Tierney	mtierney@ualocal130.org	Plumbers
Mike	Lowery	MLOWERY@bacadc1.org	Bricklayers
Paul	Wende	paul.wende@iwlocal63.com	Ironworkers
Ramon	Williams	ramonw@teamsterslocal700.com	Teamsters 700
Ray	Suggs	raysuggs@aol.com	Sheet Metal Workers
Terry	O'Brien	tobrien@local150.org	Operating Engineers
Terry	Shannon	tvshannon46@yahoo.com	Bricklayers
Thomas	Gavin	tgavin@ualocal130.org	Plumbers
Bill	Mangin	local17bill@gmail.com	Insulators
Tom	Ryan	ubclocal13@aol.com	Carpenters
Vito	Marchese	vmarchese@iamdistrict8.org	IAM, 26

Sub-Contractors:

- Chicago Voice and Data Authority 2444 W. 16th Street, Unit 4F Chicago, IL 60608
- Advent Systems, Inc.
 435 West Fullerton Ave.
 Elmhurst, IL 60126
- RADA Architects, LTD.
 233 N. Michigan Avenue, Suite 1900
 Chicago IL 60601
- 4. Evergreen Supply Company 8402 West 183rd Street Tinley Park, IL 60487



Job Order Number:

045249.02

Contractor: Sharlen Electric Company

Job Order Name:

Cicero Records - Build Out For Elections

09/01/2017

Supplemental 2

Construction Amount:

\$481,753.40

Construction Completion Date:

Construction Start Date:

10/13/2017

S.No.	Description Poor Average Excellent N/A
1	Rate the Contractor's availability to visit the Project Site with the Owner 1 2 3 5
2	Yes or No, did the Contractor submit the first Price Proposal on time?
3	Rate the quality of the first Price Proposal 1 2 3 4 5
4	Rate the quality timeliness of subsequent Price Proposals 1 2 3 4 5
, 5	Enter the number of Price Proposals submitted for this Project 6 1 2 3 4 5
6	Rate the quality/timeliness of the Contractors Final Package 1 2 3 5 5
7 Poor=1,	Rate the Contractor's overall performance during the Project 1 2 3 5 5 Development phase Average=2 to 4, 5 = Excellent.
Comme	ents: Consulation Herfill mp FLEABLE MILLE PARISA PAICING

Project Director:

Lillian Lee (Procurement)

From:

Destiny Woods (Human Resources)

Sent:

Thursday, October 05, 2017 11:57 AM

To:

Danuta Rusin (Procurement); Lillian Lee (Procurement)

Cc: Subject: LaShon DeFell (Human Resources); Anita Morris (Human Resources)

Fwd: services for #1555-14475 EC8 - WO# 045249.02 - Cicero Records - Building Out

For Elections Supplemental 2.

Please be advised, as indicated in the email below, the union has agreed to a one time reduction of days for the 14 day notice period for above-referenced project.

Sent from my iPhone

Begin forwarded message:

From: "LaShon DeFell (Human Resources)" < LaShon.DeFell@cookcountyil.gov>

Date: October 5, 2017 at 11:50:25 AM CDT

To: "Shannon Andrews (Procurement)" < Shannon. Andrews @cookcountyil.gov>

Cc: "Destiny Woods (Human Resources)" < Destiny. Woods@cookcountyil.gov>, "Phyllis

Woods (Human Resources)" < phyllis.woods@cookcountyil.gov >, Mike Leyden

<ml><mleyden@local134.org>, Margaret Angelucci <maa@ulaw.com>

Subject: services for #1555-14475 EC8 - WO# 045249.02 - Cicero Records - Building Out For Elections Supplemental 2.

Good Morning,

Please allow this email to serve as a one time notice that the union has graciously allowed the County to waive five (5) days from the fourteen day notice provision.

Therefore, you can proceed as soon as tomorrow, October 6, 2017. You do not have to wait until October 11, 2017.

Please forward to anyone applicable.

Respectfully, LaShon R. DeFell

Sent from my iPhone, please excuse any typos and/or the brevity of my response.



TONI PRECKWINKLE

PRESIDENT

Cook County Board
of Commissioners

RICHARD R. BOYKIN

1st District

DENNIS DEER

JERRY BUTLER

3rd District

STANLEY MOORE 4th District

DEBORAH SIMS 5th District

EDWARD M. MOODY 6th District

JESUS G. GARCIA 7th District

LUIS ARROYO, JR. 8th District

PETER N. SILVESTRI 9th District

BRIDGET GAINER 10th District

JOHN P. DALEY 11th District

JOHN A. FRITCHEY 12th District

LARRY SUFFREDIN 13th District

GREGG GOSLIN 14th District

TIMOTHY O. SCHNEIDER 15th District

JEFFREY R, TOBOLSKI 16th District

SEAN M. MORRISON 17th District DEPARTMENT OF CAPITAL PLANNING & POLICY

EARL MANNING

DIRECTOR

69 W. WASHINGTON, SUITE 3000 @ CHICAGO, ILLINOIS 60602 @ (312) 603-0312

September 14, 2017

TO:

Shannon E. Andrews

Chief Procurement Officer

FROM:

Eric Davis, Deputy Director

Department of Capital Planning & Policy

RE:

Cicero Records – Build Out For Elections Supplemental #2

Budget Justification - Work Order No. 045249.02

This memorandum serves as justification for procurement of construction services for the above project in the amount of \$496,651.40. We find the pricing to be fair and reasonable. The price proposal has been compiled and reviewed by The Gordian Group and the Department of Capital Planning & Policy.

Because of constraints in the maximum contract value that could be assigned to a single contractor under this program, in this case Borg Construction, there was a need to break out scope to a firm that is a member of the Borg team, in this case Sharlen Electric, so that we could maintain continuity in performing work at the site, i.e. avoid introducing another vendor, unfamiliar, which would likely slow this exceedingly schedule-drive project.

The capital improvements included in this Work Order include the low voltage and security systems (for Elections), along with the security system work for the Clerk of the Circuit Court. We recommend Advent for this as they provided the existing installation on that side of the Warehouse and are also doing other related/interconnected in connection with the warehouses consolidation. This Supplemental also includes additional services for the AE subcontractor, responding to unforeseen discovered conditions at the site, as well as responding to system changes because of clarification of the scope by the Bureau of Technology.

The package attached includes drawings and other materials needed to review and confirm the specifics of the scope as outlined above. Should you have additional questions please contact Eric Davis the Deputy Director, Department of Capital Planning & Policy (312) 603-0355

\$ Fiscal Responsibility ♥ Innovative Leadership ● Transparency & Accountability 🔯 Improved Services